

# ANTIBODY TESTING RESULTS

## Standard Reporting Template

**INSTRUCTIONS:** Please complete this form in its entirety. **Providing only a reference publication will not be accepted.**

Date:

15.6.2015

Laboratory Name:

DRA

Your Name:

Gerrit Daubner

Is testing ongoing such that you are waiting for future bleeds?: ☐ Yes ☒ No

Antibody Name:

S803D

Full Antigen Name:

DWNK total

**Full Antigen Sequence** (please include full amino acid sequence):

1553-1962

**Antigen Species** (Please indicate whether the antigen corresponds to the human/mouse/rat or other species):

Drosophila

**Bleeds Tested In this Report** (Please check ALL those that apply):

☒ 1 ☒ 2 ☒ 3 ☒ 4 ☐ 5 ☐ 6 ☐ 7

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## SUCCESSFUL APPLICATIONS:

**Instructions:** Please check each box below and indicate clearly all the applications that each bleed was tested in and if it was successful

	Immunoblot		Immunoprecipitation		Immunofluorescence	
	Tested	Successful	Tested	Successful	Tested	Successful
Bleed #1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bleed #2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bleed #3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bleed #4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bleed #5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bleed #6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bleed #7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## BEST Working Bleed:

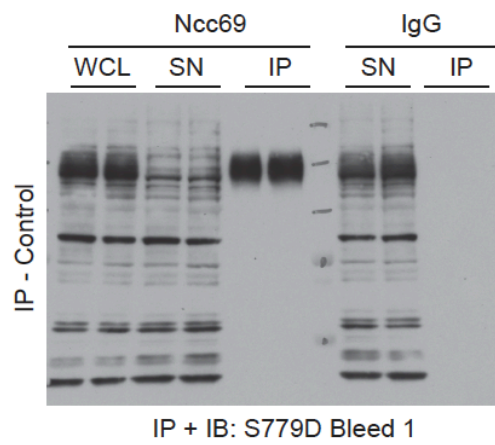
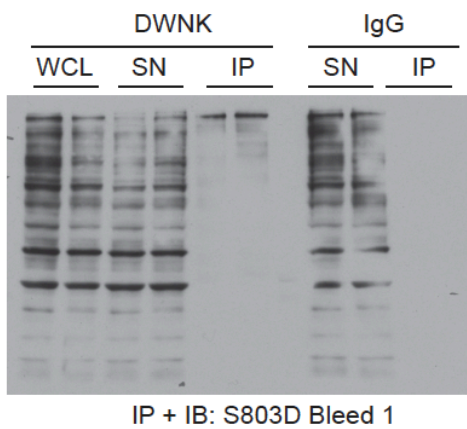
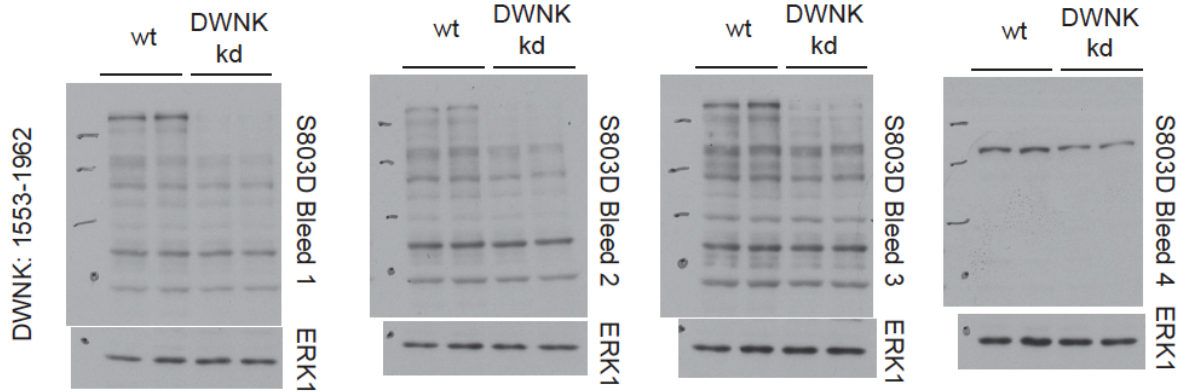
Bleed 1 and 3 worked best for endogenous DWNK

**PUBLICATIONS:** Please identify all publications to-date that include data supporting the successful use of the antibody

None

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## SUGGESTED BEST PRACTICES FOR ANTIBODY TESTING

### Minimal Dataset

- Overexpressed Protein
  - Recombinant
    - Positive Control – Recombinant protein loaded in a well
    - Negative Control – Mutant recombinant protein
      - Point mutation for phospho-site
      - Truncation mutant that does not contain epitope on antigen used for antibody generation
  - Transfected Cell Lines
    - Positive Control
      - Cell line transfected with construct containing epitope of interest
      - Cell line treated with appropriate compound to illustrate presence of epitope
      - Recombinant protein loaded in a well
    - Negative Control
      - Untransfected cell line (that does not contain protein of interest)
      - Cell line transfected with mutant protein
        - Point mutation for phospho-site
        - Truncation mutant that does not contain epitope on antigen used for antibody generation

### Additional Data (Ideal)

- Endogenous Protein
  - Cell Lines
    - Positive Control
      - Cell line that endogenously expresses protein
      - Recombinant protein loaded in a well
    - Negative Control
      - Knockout cell line
      - Knockdown of target
        - Genetic
        - Pharmacologic
  - Tissue Homogenate (from relevant source)
    - Positive Control – Tissue source that endogenously expresses protein of interest
    - Negative Control – Same tissue source derived from knockout animal

## IMMUNOBLOT -- DATA

Please include ALL data that illustrates the utility of this antibody:

- All bleeds
- All applications tested:
  - Immunoblot
  - Immunoprecipitation
  - Immunofluorescence

Please ensure that the the following data is included in your figure:

- Positive control
- Negative control

## IMMUNOBLOT -- ASSOCIATED FIGURE LEGENDS

Please include ALL text that describes the utility of this antibody for the associated data above:

- All bleeds
- All applications tested:
  - Immunoblot
  - Immunoprecipitation
  - Immunofluorescence

Please ensure that the the following data is included in your description:

- Positive control
- Negative control

## IMMUNOBLOT -- EXPERIMENTAL DESIGN

Please include ALL text that describes the utility of this antibody for the associated data above:

- All bleeds
- All applications tested:
  - Immunoblot
  - Immunoprecipitation
  - Immunofluorescence

Please ensure that the the following data is included in your description:

- Positive control
- Negative control

## IMMUNOPRECIPITATION -- DATA

Please include ALL data that illustrates the utility of this antibody:

- All bleeds
- All applications tested:
  - Immunoblot
  - Immunoprecipitation
  - Immunofluorescence

Please ensure that the the following data is included in your figure:

- Positive control
- Negative control

## IMMUNOPRECIPITATION -- ASSOCIATED FIGURE LEGENDS

Please include ALL text that describes the utility of this antibody for the associated data above:

- All bleeds
- All applications tested:
  - Immunoblot
  - Immunoprecipitation
  - Immunofluorescence

Please ensure that the the following data is included in your description:

- Positive control
- Negative control

## IMMUNOPRECIPITATION -- EXPERIMENTAL DESIGN

Please include ALL text that describes the utility of this antibody for the associated data above:

- All bleeds
- All applications tested:
  - Immunoblot
  - Immunoprecipitation
  - Immunofluorescence

Please ensure that the the following data is included in your description:

- Positive control
- Negative control

## IMMUNOFLUORESCENCE -- DATA

Please include ALL data that illustrates the utility of this antibody:

- All bleeds
- All applications tested:
  - Immunoblot
  - Immunoprecipitation
  - Immunofluorescence

Please ensure that the the following data is included in your figure:

- Positive control
- Negative control

## IMMUNOFLUORESCENCE -- ASSOCIATED FIGURE LEGENDS

Please include ALL text that describes the utility of this antibody for the associated data above:

- All bleeds
- All applications tested:
  - Immunoblot
  - Immunoprecipitation
  - Immunofluorescence

Please ensure that the the following data is included in your description:

- Positive control
- Negative control

## IMMUNOFLUORESCENCE -- EXPERIMENTAL DESIGN

Please include ALL text that describes the utility of this antibody for the associated data above:

- All bleeds
- All applications tested:
  - Immunoblot
  - Immunoprecipitation
  - Immunofluorescence

Please ensure that the the following data is included in your description:

- Positive control
- Negative control

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