ANTIBODY TESTING RESULTS
Standard Reporting Template

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

Date: 22.04.2015

Laboratory Name: DRA

Your Name: Gerrit Daubner

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

Antibody Name: S776D

Full Antigen Name: GST-Fray

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

SDLEVLFQGPLGSMTSIPANLSSNNVAGAATL
PGAAAPPEKYTWPNSKDDYELRDVIGVGATAVVHGAYCIPRNEKCAIKRI
NLEKWNTSMDELLKEIQAMSSCFHENVVTYHTSFVVREELWLVLRLLEGG
SLLDIIKHKMRTSNCKQGVFDEATIATVLKEVLKGLEYFHSNGQIHRDIK
AGNILIGDDGTIQIADFGVSAWLATGRDLSRQKVRHTFVGTPCWMAPEVM
EQDHGYDFKADIWSFGITAIEMATGTAPYHKYPPMKVLMLTLQNDPPTLD
TGADDKDQYKAYGKTFRKMIVECLQKEPSKRPTASELLKHAFFKKAKDRK
YLTQTLLQSGPSMETRVHKAAKRQPGASGRLHRTVTGEWVWSSEEEDNGG
SATGSGTGDRKHPSSDSDSEDRPMNRLERADSSDSDREEPSPEITHSVSS
ATVTPGAPAAAGAGAAQELTAGIAQLPLPSEAAGEAPPVNLVLRMRNLRR
ELHDIRFEFVVGKDTAEGIATELVDAGLVDALDTQPMATHLDQLIAASAT

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

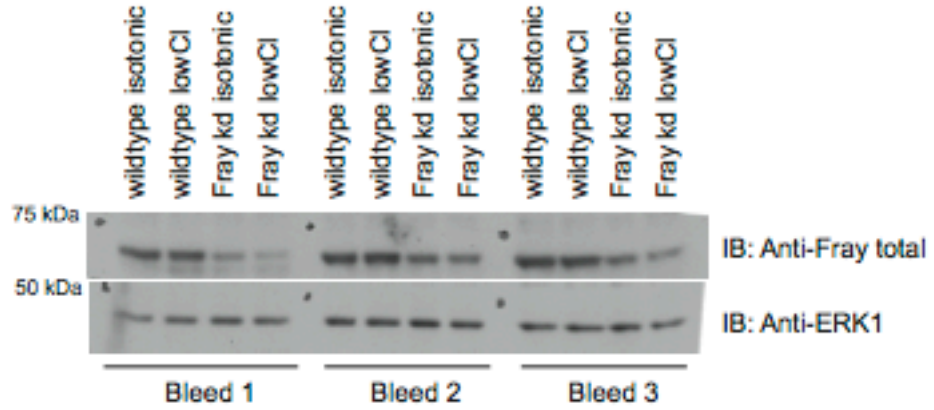|	Immunoblot		Immunoprecipitation		Immunofluorescence	
	Tested	Successful	Tested	Successful	Tested	Successful
Bleed #1	☑	☑	☑	☑	☐	☐
Bleed #2	☑	☑	☑	☑	☐	☐
Bleed #3	☑	☑	☐	☐	☐	☐
Bleed #4	☐	☐	☐	☐	☐	☐
Bleed #5	☐	☐	☐	☐	☐	☐
Bleed #6	☐	☐	☐	☐	☐	☐
Bleed #7	☐	☐	☐	☐	☐	☐

BEST Working Bleed: Bleed 1

PUBLICATIONS: *Please identify all publications to-date that include data supporting the successful use of the antibody*
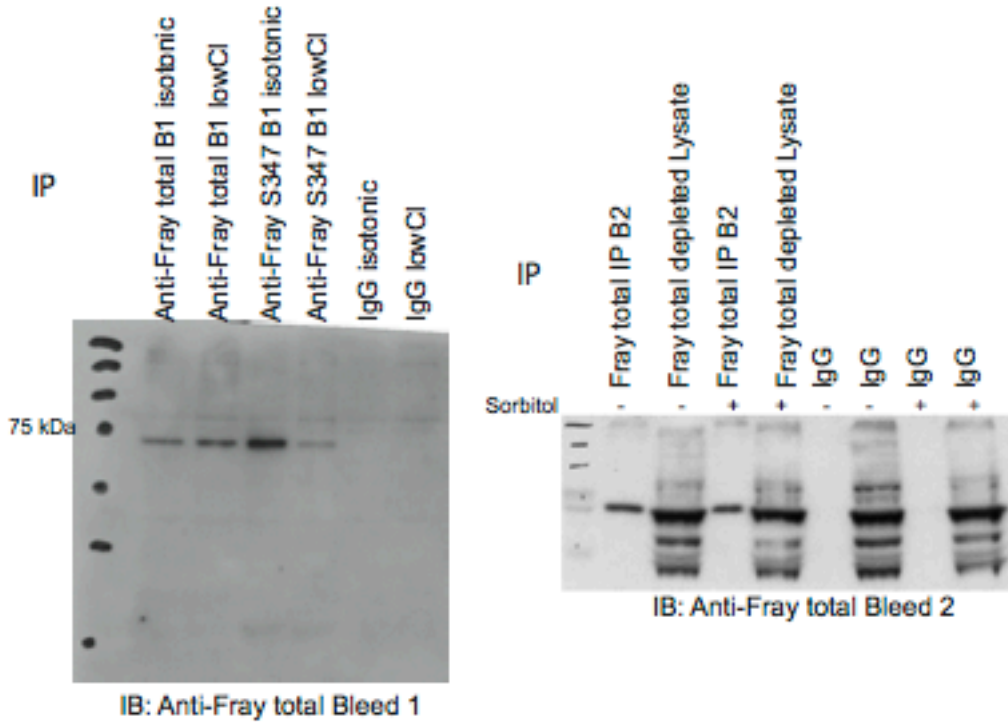
None

S776D Immunoblot

S776D Immunoprecipitation

IB: Anti-Fray total Bleed 1

IB: Anti-Fray total Bleed 2

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:
  - o Immunoblot
  - o Immunoprecipitation
  - o 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:
  - o Immunoblot
  - o Immunoprecipitation
  - o 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:
  - o Immunoblot
  - o Immunoprecipitation
  - o 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
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