

ANTIBODY TESTING RESULTS

Standard Reporting Template

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

Date: 8 dec 2015

Laboratory Name: Rouse Lab

Your Name: Maithili Shroff

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

Antibody Name: C15ORF41

Full Antigen Name: C15ORF41

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

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

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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bleed #2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bleed #3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bleed #4	<input 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 5/6

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

1. Name, et al, Year, Title, Journal
 - PMID (*mandatory*)
2. Name, et al. (*submitted*)

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)

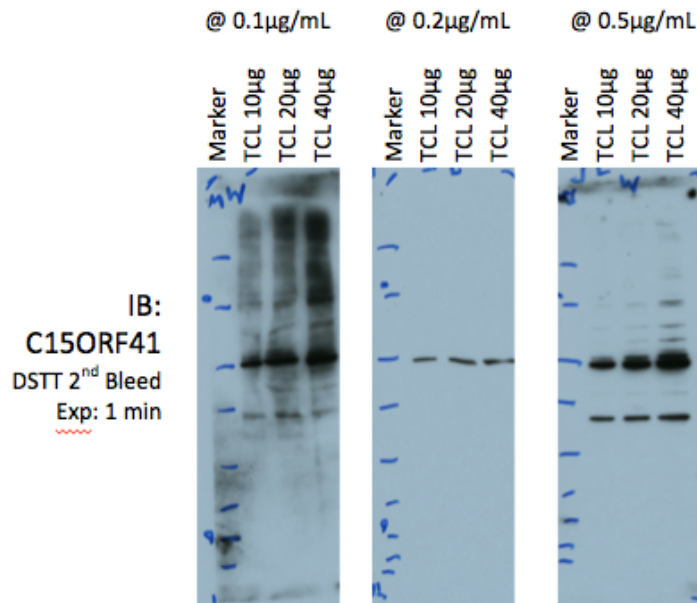
- Endogenous Protein
 - Cell Lines
 - Positive Control
 - Cell line that endogenously expresses protein
 - Recombinant protein loaded in a well
 - Negative Control
 - Knockout cell line
 - Knockdown of target
 - Genetic
 - Pharmacologic
 - Tissue Homogenate (from relevant source)
 - Positive Control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

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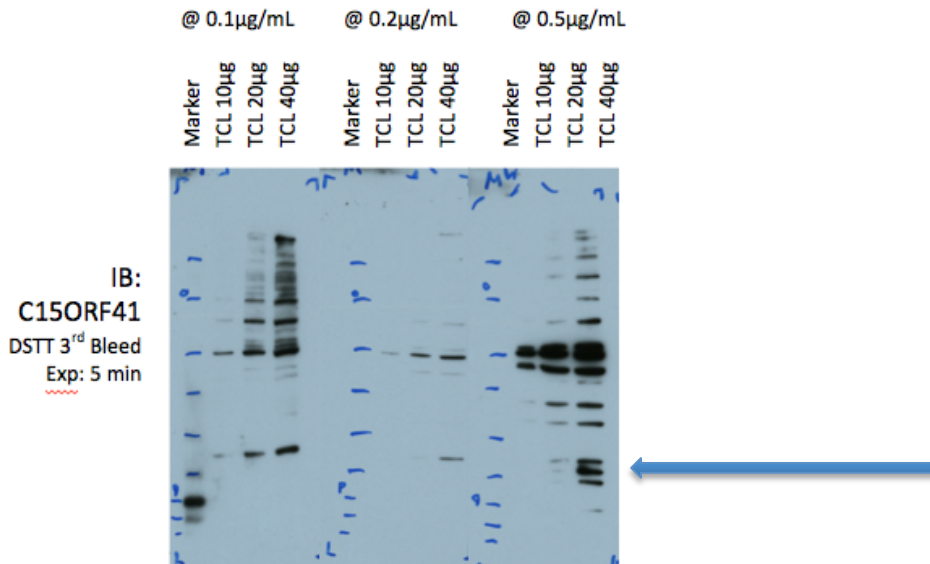
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IMMUNOBLOT -- DATA

- Tested on TCL from HEK293 cells.



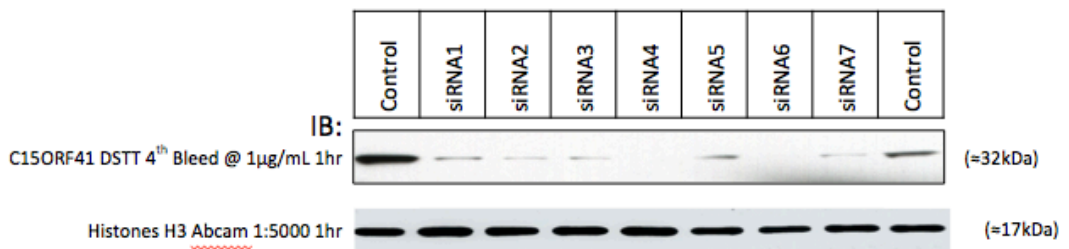
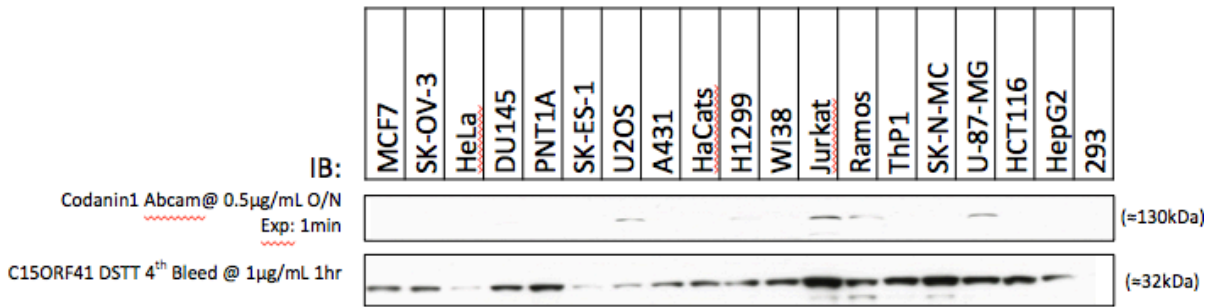
- No band visualised at MW 30kDa



- Band visualised but antibody quite dirty.

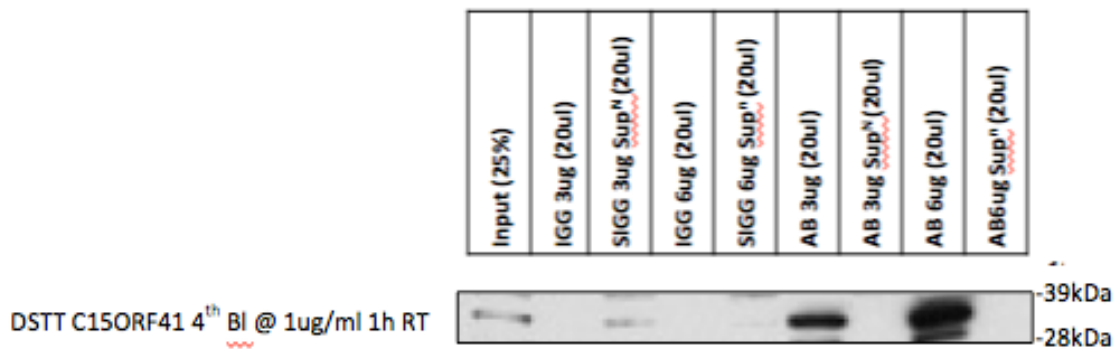
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- 4th bleed seems to be the best for western blots

IMMUNOPRECIPITATION -- DATA

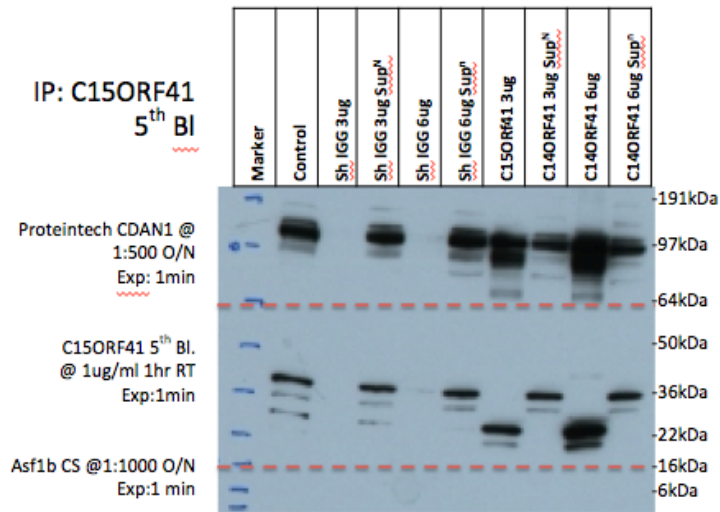


- IP with 4th bleed

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- IP with 5th bleed



IMMUNOFLUORESCENCE -- DATA

- No bleeds work for IF