

Datasheet for 600-401-FR2**TSC22D3 Antibody****Overview**

Description:	Anti-TSC22D3 (RABBIT) Antibody - 600-401-FR2
Item No.:	600-401-FR2
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human, Mouse
Host Species:	Rabbit

Product Details

Background:	The TSC22 domain family member 3 protein (TSC22D3) is a leucine zipper protein that functions as a transcriptional regulator. The expression of TSC22D3 is stimulated by glucocorticoids and IL-10 and is thought to play a key role in the anti-inflammatory and immunosuppressive effects of these molecules. TSC22D3 can physically interact with and inhibit the activities of key inflammatory signaling mediators such NF-κB and AP-1. TSC22D3 functions as a transcriptional co-activator for various nuclear receptors and NF-κB. It has also been shown to be involved in the differentiation of mesenchymal stem cells towards osteoblasts and bone formation.
Synonyms:	TSC22D3 Antibody, DIP, GILZ, hDIP, DSIPI, TSC-22R, TSC22 domain family protein 3, DSIP-immunoreactive peptide, Protein DIP
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	TSC22D3
Reactivity:	Human, Mouse
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti- TSC22D3 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 16 amino acid peptide near the N-terminus of human TSC22D3.

Purity/Specificity:	Anti-TSC22D3 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Cross reactivity with TSC22D3 from other sources has not been determined.
Relevant Links:	• UniProtKB - Q99576 • GeneID - 1831 • NCBI - NP_001015881.1

Application Details

Tested Applications:	ELISA, IF, IHC, WB
Application Note:	Anti-TSC22D3 Antibody has been tested for use in ELISA, Western Blotting, Immunohistochemistry and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 15 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000 - 1:20,000
IF:	User Optimized
IHC:	User Optimized
WB:	1-2 µg/mL

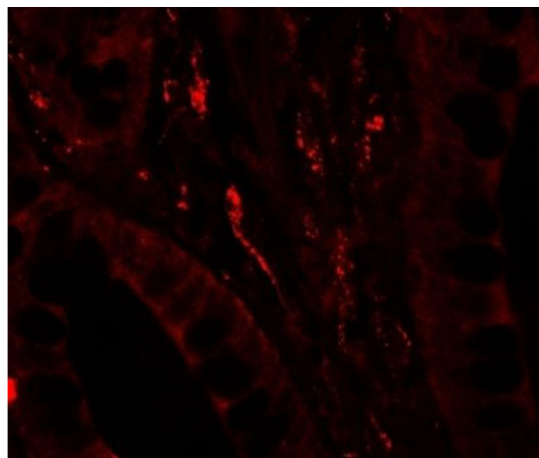
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Expiration:	Expiration date is one (1) year from date of receipt.

Images

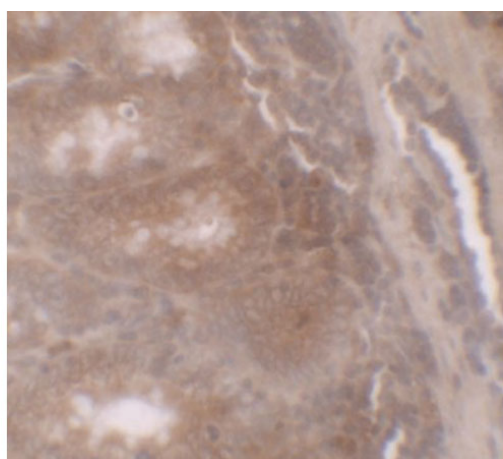


Immunofluorescence Microscopy

Immunofluorescence of TSC22D3.

Tissue: human small intestine tissue.

Primary Antibody: TSC22D3 antibody at 20 µg/ml.

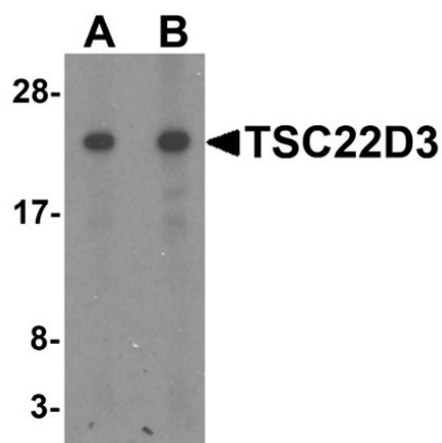


Immunohistochemistry

Immunohistochemistry of TSC22D3.

Tissue: human small intestine tissue.

Primary Antibody: TSC22D3 antibody at 5 µg/ml.



Western Blot

Western blot analysis of TSC22D3.

Load: human small intestine tissue lysate.

Primary Antibody: TSC22D3 antibody at (A) 1 and (B) 2 µg/mL.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.