

Product Datasheet

WISP-1/CCN4 Antibody NB100-77339

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 1

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NB100-77339**WISP-1/CCN4 Antibody**

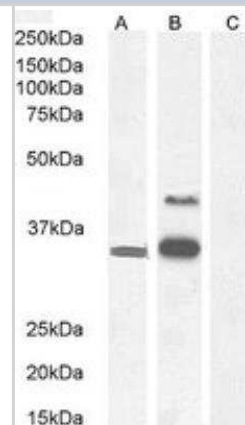
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Target Molecular Weight	40 kDa

Product Description	
Description	Novus Biologicals Goat WISP-1/CCN4 Antibody (NB100-77339) is a polyclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. Anti-WISP-1/CCN4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	8840
Gene Symbol	CCN4
Species	Human
Specificity/Sensitivity	This antibody is expected to recognize both reported isoforms (NP_003873.1; NP_543028.1).
Immunogen	Peptide with sequence C-ESYPDFSEIAN corresponding to C-Terminus according to NP_543028.1.

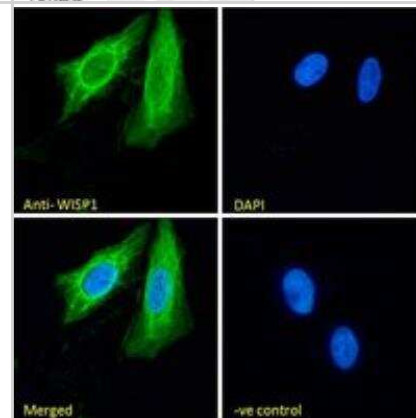
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/mL, Flow Cytometry 10 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Peptide ELISA Detection limit 1:128000
Application Notes	Approx 32-35 kDa band observed in lysates of cell line CaCo-2 and approx. 40 kDa in Human Tonsil lysates, and additionally in a lysate of cell line CaCo-2, which were successfully blocked by incubation with the immunising peptide (calculated MW of 30.7 kDa according to NP_543028.1 and 40.3 kDa according to NP_003873.1).

Images

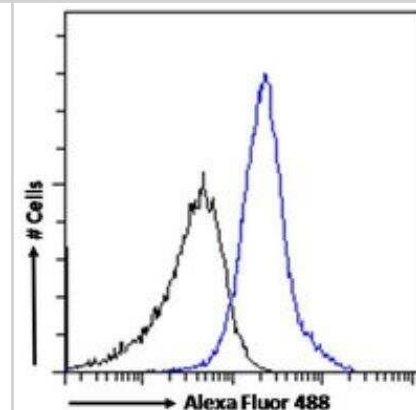
Western Blot: WISP-1/CCN4 Antibody [NB100-77339] - Staining of Caco-2 cell lysate 1 (A) and Caco-2 cell lysate 2 (B) + peptide (C) with antibody at 0.3 ug/mL (35 ug protein in RIPA buffer). Detected by chemiluminescence.



Immunocytochemistry/Immunofluorescence: WISP-1/CCN4 Antibody [NB100-77339] - Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



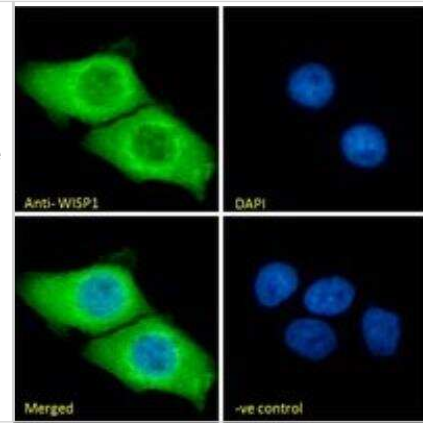
Flow Cytometry: WISP-1/CCN4 Antibody [NB100-77339] - Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Western Blot: WISP-1/CCN4 Antibody [NB100-77339] - Staining of Human Tonsil lysate with antibody at 0.1 ug/mL (35ug protein in RIPA buffer). Detected by chemiluminescence.



Immunocytochemistry/Immunofluorescence: WISP-1/CCN4 Antibody [NB100-77339] - Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Publications

Major MB, Camp ND, Berndt JD et al. Wilms tumor suppressor WTX negatively regulates WNT/beta-catenin signaling. Science 2007-05-18 [PMID: 17510365]



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Products Related to NB100-77339

NBL1-17856	WISP-1/CCN4 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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