

Product Datasheet

Serpin I1/Neuroserpin Antibody NB100-1529

Unit Size: 0.1 mg

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

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NB100-1529**Serpin I1/Neuroserpin Antibody**

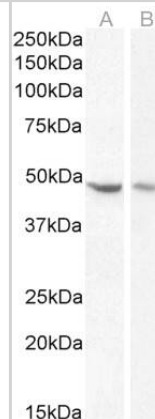
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat Serpin I1/Neuroserpin Antibody (NB100-1529) is a polyclonal antibody validated for use in IHC, WB, ELISA and Flow. Anti-Serpin I1/Neuroserpin Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	5274
Gene Symbol	SERPINI1
Species	Human, Mouse, Rat
Specificity/Sensitivity	Reported variants represent identical protein (NP_005016.1; NP_001116224.1).
Immunogen	Peptide with sequence C-TMNTSGHDFEEL corresponding to C-Terminus according to NP_005016.1.

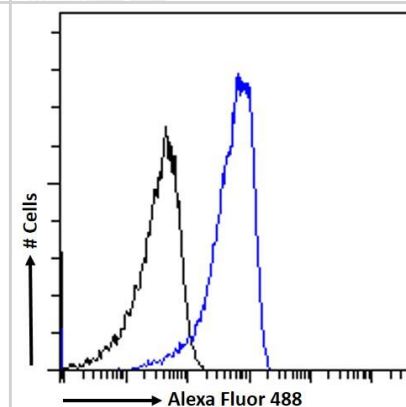
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.5-2 ug/ml, Flow Cytometry 10 ug/ml, Immunohistochemistry 5 ug/ml, Immunohistochemistry-Paraffin 5 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	Western blot: Approx 48kDa band observed in lysates of cell lines Kelly and K562 and in Human Placenta and Mouse and Rat Brain lysates (calculated MW of 46.4kDa according to Human NP_005016.1, Mouse NP_033276.1 and Rat NP_446231.1). Primary incubation 1 hour at room temperature.

Images

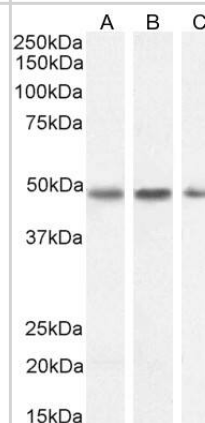
Western Blot: Serpin I1/Neuroserpin Antibody [NB100-1529] - (1ug/ml) staining of Kelly (A) and K562 (B) cell lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.



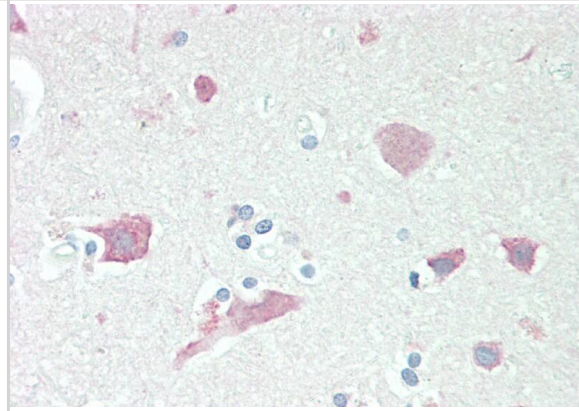
Flow Cytometry: Serpin I1/Neuroserpin Antibody [NB100-1529] - Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Western Blot: Serpin I1/Neuroserpin Antibody [NB100-1529] - (1ug/ml) staining of Human Placenta (A), Mouse Brain (B) and (0.5ug/ml) Rat Braun (C) lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.



Immunohistochemistry-Paraffin: Serpin I1/Neuroserpin Antibody [NB100-1529] - (5ug/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Onda M, Belorgey D, Sharp LK, Lomas DA. Latent Ser49Pro neuroserpin forms polymers in the dementia familial encephalopathy with neuroserpin inclusion bodies. *J Biol Chem*. 2005-01-21 [PMID: 15664988]



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Products Related to NB100-1529

NB820-59177	Human Brain Whole Tissue Lysate (Adult Whole Normal)
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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