

Product Datasheet

AP5Z1 Antibody - BSA Free NBP1-92049

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 1

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NBP1-92049

AP5Z1 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

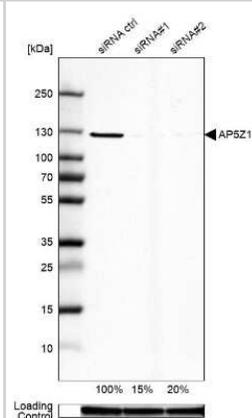
Product Description	
Description	Novus Biologicals Rabbit AP5Z1 Antibody - BSA Free (NBP1-92049) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-AP5Z1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	9907
Gene Symbol	AP5Z1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (84%). Human Reactivity reported in scientific literature (PMID: 26085577).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: DDQWLVNQAFSMLRAWLLHSGPEGPGTLDTDDRSEQEGSTLSVISATSSAGR LLPPRERLREVAFEYCQRLIEQSNRRALRKGDSLQKACLVEAVLVLDVLCRQ DPSFLYRSL

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

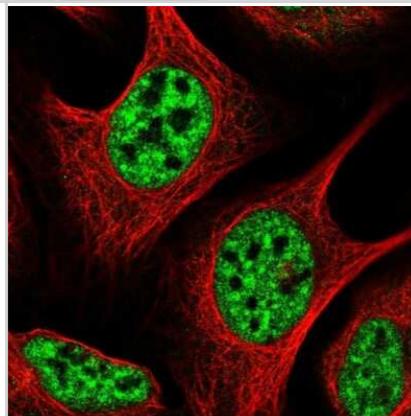


Images

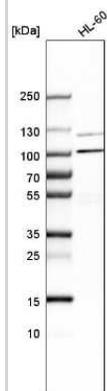
Western Blot: AP5Z1 Antibody [NBP1-92049] - Analysis in U-87MG ATCC cells transfected with control siRNA, target specific siRNA probe #1 and #2. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



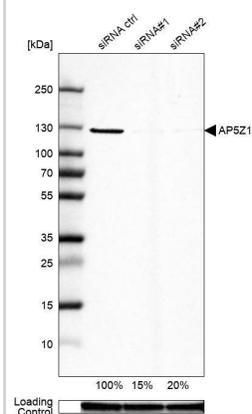
Immunocytochemistry/Immunofluorescence: AP5Z1 Antibody [NBP1-92049] - Immunofluorescent staining of human cell line U-2 OS shows localization to nuclear speckles.



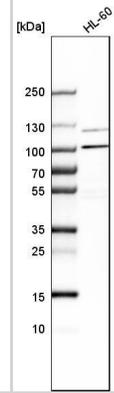
Western Blot: AP5Z1 Antibody [NBP1-92049] - Analysis in human cell line HL-60.



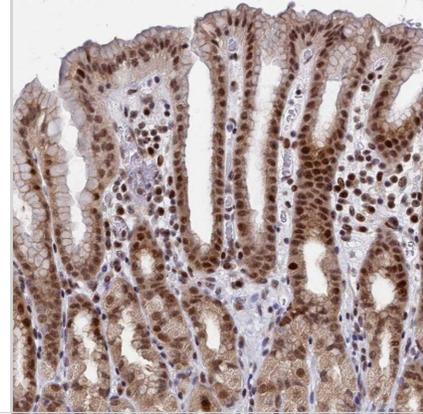
Analysis in U-87MG ATCC cells transfected with control siRNA, target specific siRNA probe #1 and #2. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



Analysis in human cell line HL-60.



Staining of human stomach shows strong nuclear positivity in glandular cells.



Publications

Hirst J, Edgar JR, Esteves T et al. Loss of AP-5 results in accumulation of aberrant endolysosomes: defining a new type of lysosomal storage disease. *Hum Mol Genet* 2015-09-01 [PMID: 26085577]



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Products Related to NBP1-92049

NBP1-92049PEP	AP5Z1 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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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