Product Datasheet

PTPN13/PTPL1 Antibody - BSA Free
NB100-56139

Unit Size: 0.05 ml

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

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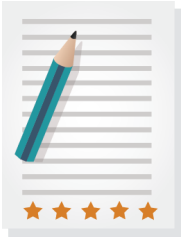


NB100-56139

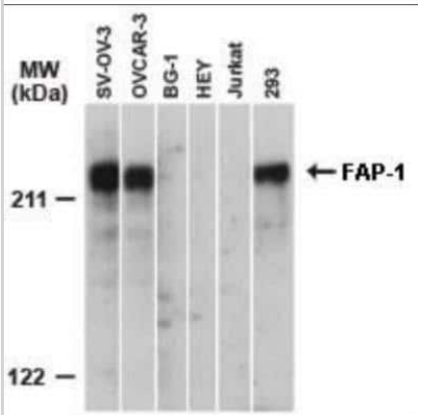
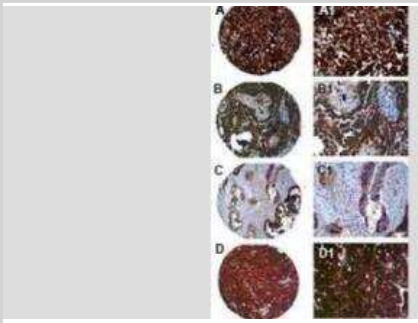
PTPN13/PTPL1 Antibody - BSA Free

Product Information	
Unit Size	0.05 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera

Product Description	
Description	Novus Biologicals Rabbit PTPN13/PTPL1 Antibody - BSA Free (NB100-56139) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-PTPN13/PTPL1 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5783
Gene Symbol	PTPN13
Species	Human
Immunogen	A recombinant protein corresponding to amino acids 1279 to 1883 of human FAP-1 protein was used as immunogen; GenBank no. NP_542414.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:500-1:3000, Immunoprecipitation 1:50-1:200, Immunohistochemistry-Paraffin 1:1000-1:5000, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	FAP-1 typically migrates at ~270 kDa on western blots. Thus for SDS-PAGE and western blot, the researcher should use techniques optimized for the transfer of proteins with high molecular weights. The actual molecular weight of FAP-1 observed depends on the isoform expression.

Images

Western Blot: PTPN13/PTPL1 Antibody - Unpurified [NB100-56139] - PTPN13/PTPL1 Antibody [NB100-56139] - Analysis of PTPN13/PTPL1 using this antibody. In ovarian carcinoma cell lines PTPN13/PTPL1 expression was detected in SK-OV-3 and OVCAR-3, but not in BG-1 or HEY. Human Jurkat T and 293 kidney cell lines were used as negative and positive controls, respectively.	
Immunohistochemistry-Paraffin: PTPN13/PTPL1 Antibody - Unpurified [NB100-56139] - PTPN13/PTPL1 Antibody [NB100-56139] - Analysis of PTPN13/PTPL1 in cell lines using this antibody at 1:2000. In ovarian carcinoma cell lines PTPN13/PTPL1, expression was detected in SK-OV-3 and OVCAR-3, but not in BG-1 or HEY. Human 293 kidney and Jurkat T cell lines were used as positive and negative controls, respectively.	
Immunohistochemistry-Paraffin: PTPN13/PTPL1 Antibody - Unpurified [NB100-56139] - PTPN13/PTPL1 Antibody [NB100-56139] - Ovarian carcinoma cores from a tissue microarray at 1:2000. A-D, samples are from four different patients. A1-D1 are high magnification images from A-D, respectively. Hematoxylin-eosin counterstain.	

Publications

Zhu N, Zhang XJ, Zou H et al. PTPL1 suppresses lung cancer cell migration via inhibiting TGF-beta 1-induced activation of p38 MAPK and Smad 2/3 pathways and EMT Acta pharmacologica Sinica 2021-02-03 [PMID: 33536603]

Sharma S, Carmona A, Skowronek A et al. Apoptotic signalling targets the post-endocytic sorting machinery of the death receptor Fas/CD95 Nat Commun 2019-07-15 [PMID: 31308371] (WB, Human)

Lin YT, Wang HC, Hsu YC et al. Capsaicin Induces Autophagy and Apoptosis in Human Nasopharyngeal Carcinoma Cells by Downregulating the PI3K/AKT/mTOR Pathway. Int J Mol Sci. 2017-06-23 [PMID: 28644386] (IF/IHC, Human)

Banks CA, Boanca G, Lee ZT et al. Proteins interacting with cloning scars: a source of false positive protein-protein interactions Sci Rep 2015-02-23 [PMID: 25704442] (WB, Human)

Meinhold-Heerlein I, Stenner-Liewen F, Liewen H et al. Expression and potential role of Fas-associated phosphatase-1 in ovarian cancer. Am J Pathol. 2001-04-01 [PMID: 11290551]

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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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