

Product Datasheet

ELMO2 Antibody NB100-879

Unit Size: 0.1 mg

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

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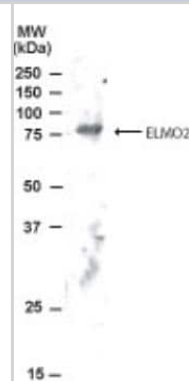
NB100-879**ELMO2 Antibody**

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	
Host	Goat
Gene ID	63916
Gene Symbol	ELMO2
Species	Human
Specificity/Sensitivity	NP_877496.1 and NP_573403.1 are variants that encode the same protein.
Immunogen	Peptide with sequence C-PKEPSSYDFVYHYG corresponding to C-Terminus according to NP_877496.1, NP_573403.1.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Immunohistochemistry 3 - 6 ug/ml, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Immunohistochemistry-Paraffin 3 - 6 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 80 kDa band observed in human brain lysate. IHC-P: Human prostate shows pixulated staining in the cytoplasm of stroma cells.

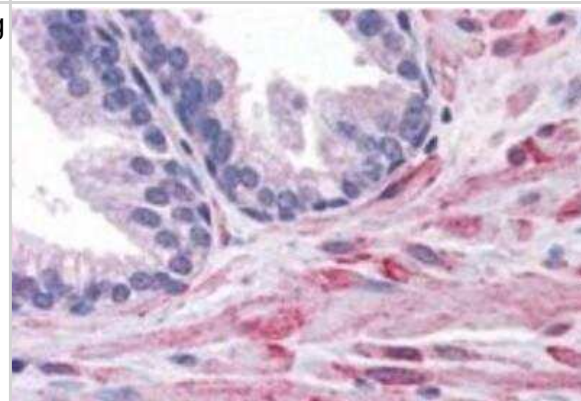


Images

Western Blot: ELMO2 Antibody [NB100-879] - Analysis of ELMO in Human Brain lysate (RIPA buffer, 30ug total protein per lane). Primary incubated for 12 hour. Detected by western blot using chemiluminescence.



Immunohistochemistry-Paraffin: ELMO2 Antibody [NB100-879] - Staining of Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Hernandez-Vasquez MN, Adame-Garcia SR, Hamoud N et al. Cell adhesion controlled by adhesion G-protein coupled receptor GPR124/ADGRA2 is mediated by a protein complex comprising Intersectins and Elmo/Dock. J. Biol. Chem. 2017-06-09 [PMID: 28600358]

Gumienny TL, Brugnera E, Tosello-Tramont AC et al. CED-12/ELMO, a novel member of the CrkII/Dock180/Rac pathway, is required for phagocytosis and cell migration. Cell 2001-10-05 [PMID: 11595183]

Abu-Thuraia A, Gauthier R, Chidiac R et al. Axl phosphorylates Elmo scaffold proteins to promote Rac activation and cell invasion. Mol. Cell. Biol. 2014-10-20 [PMID: 25332238] (WB, Human)

Ho E, Dagnino L. Epidermal growth factor induction of front-rear polarity and migration in keratinocytes is mediated by integrin-linked kinase and ELMO2. Mol Biol Cell. 2012-02-01 [PMID: 22160594]

Margaron Y, Fradet N, Cote JF. ELMO recruits Actin Crosslinking Family 7 (ACF7) at the cell membrane for microtubule capture and stabilization of cellular protrusions J Biol Chem 2012-11-26 [PMID: 23184944] (ICC/IF, Human)



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Products Related to NB100-879

NBL1-10239	ELMO1 Overexpression Lysate
NB100-879PEP	ELMO2 Peptide
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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