

Product Datasheet

ELMO1 Antibody NB100-875

Unit Size: 0.1 mg

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

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NB100-875**ELMO1 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

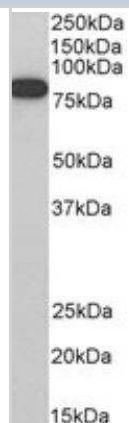
Product Description	
Host	Goat
Gene ID	9844
Gene Symbol	ELMO1
Species	Human, Mouse, Rat
Specificity/Sensitivity	This antibody is expected to recognise both human isoforms of this protein. NP_569709.1 and NP_001034548.1 represent the same isoform.
Immunogen	Peptide with sequence PKEPSNYDFVYDCN corresponding to C-Terminus according to NP_055615.8, NP_569709.1, NP_001034548.1.

Product Application Details	
Applications	Western Blot, Immunoprecipitation, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/ml, Immunoprecipitation 1:10 - 1:500, Peptide ELISA Detection limit 1:128000
Application Notes	Western blot: Approx 83kDa band observed in Human Brain (Frontal Cortex) lysates, in Mouse and Rat Brain lysates and in lysates of cell line Jurkat (calculated MW of 83.8kDa according to NP_055615.8). Immunoprecipitation: This antibody has been successfully used in IP from BAEC cells as described in the following paper: Epting et al, Circ Res. 2010 Jul 9;107(1):45-55; PMID: 20466982. IP; An anonymous customer found positive results in IP on Human promyelocytic leukemia cells (HL60)

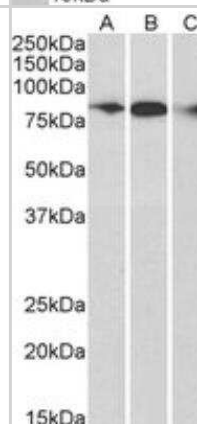


Images

Western Blot: ELMO1 Antibody [NB100-875] - (0.3ug/ml) staining of Jurkat cell lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunoprecipitation: ELMO1 Antibody [NB100-875] - (0.3ug/ml) staining of Human Frontal Cortex (A), Mouse (B) and Rat (C) Brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Publications

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]

Epting D, Wendik B, Bennewitz K et al. The Rac1 regulator ELMO1 controls vascular morphogenesis in zebrafish. Circ Res 2010-07-01 [PMID: 20466982]



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Products Related to NB100-875

NBL1-10239	ELMO1 Overexpression Lysate
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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