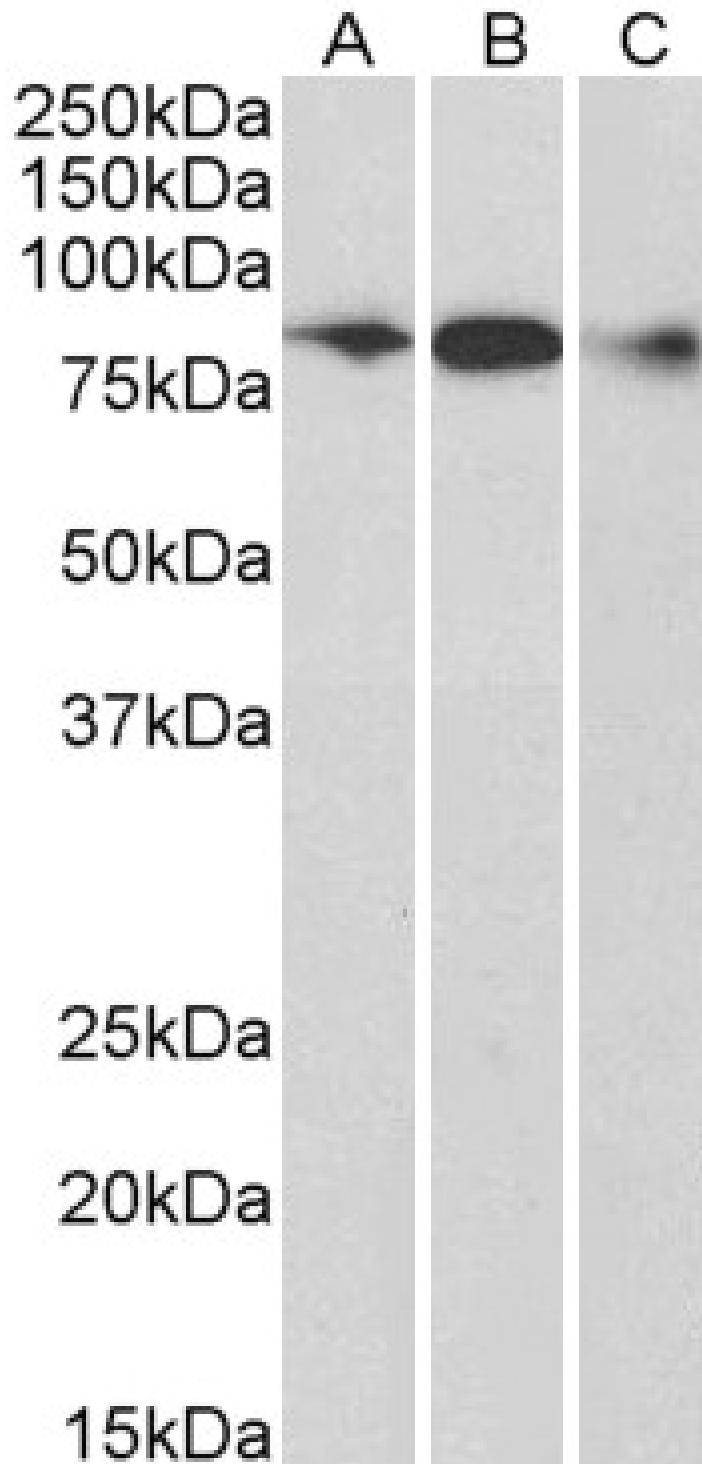


GOAT ANTI-ELMO1 ANTIBODY

SKU: EB05297



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage	Aliquot and store at -20°C. Minimize freezing and thawing.
Instructions	
Synonym /	OTTHUMP00000207060 OTTHUMP00000207056 MGC126406 ELMO-1 CED-12 engulfment and cell motility 1 ced-12 homolog 1 KIAA0281 CED12 engulfment and cell motility 1 (ced-12 homolog, <i>C. elegans</i>) ELMO1
Alias	
Names	
Usage	Immunoprecipitation: A customer found positive results in IP on Human promyelocytic
Summary	leukemia cells (HL60). This data is from a previous batch, not on sale.
Accession ID	NP_055615.8; NP_569709.1; NP_001034548.1
Blocking Peptide	EBP05297
Immunogen	Peptide with sequence PKEPSNYDFVYDCN, from the C Terminus of the protein sequence according to NP_055615.8; NP_569709.1; NP_001034548.1.
Product Comments	This antibody is expected to recognise both human isoforms of this protein. NP_569709.1 and NP_001034548.1 represent the same isoform.
Peptide Sequence	PKEPSNYDFVYDCN
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog, Cow, Zebrafish
Reactive Species	Human, Mouse, Rat
Human Gene ID	9844
Mouse Gene ID	140580
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
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). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.
Application Type	Pep-ELISA, WB

SELECTED REFERENCES

[{"pmid": 25586182, "intro": "**This antibody (previous batch) has been successfully used in Western blot in Human:**", "title":

"The bipartite rac1 Guanine nucleotide exchange factor engulfment and cell motility 1/dedicator of cytokinesis 180 (elmo1/dock180) protects endothelial cells from apoptosis in blood vessel development.", "author": "Schäker K, Bartsch S, Patry C, Stoll SJ, Hillebrands JL, Wieland T, Kroll J.", "journal": "J Biol Chem. 2015 Mar 6;290(10):6408"}, {"pmid": 27849017, "intro": "**This antibody (previous batch) has been successfully used in Western blot in Zebrafish:**", "title":

"ELMO1 protects renal structure and ultrafiltration in kidney development and under diabetic conditions.", "author": "Krishna Rakesh Sharma, Karl Heckler, Sandra J. Stoll, Jan-Luuk Hillebrands, Katharina Kynast, Esther Herpel, Stefan Porubsky, Marlies Elger, Boris Hadaschik, Karen Bieback, Hans-Peter Hammes, Peter P. Nawroth, and Jens Kroll", "journal": "Sci Rep. 2016 Nov 16;6:37172"}, {"pmid": 20466982, "intro": "**This antibody (previous batch) has been successfully used in Western blot and IP in Zebrafish:**", "title": "The Rac1 regulator ELMO1 controls vascular morphogenesis in zebrafish.", "author": "Epting D, Wendik B, Bennewitz K, Dietz CT, Driever W, Kroll J.", "journal": "Circ Res. 2010 Jul 9;107(1):45-55."}]

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

