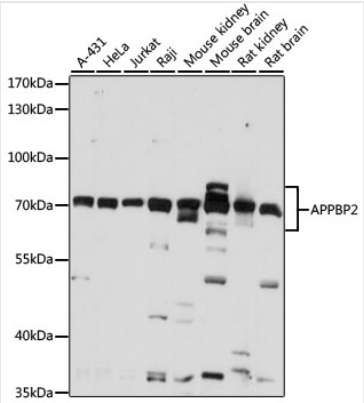
APPBP2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	APPBP2, Polyclonal Antibody
Full Product Name	APPBP2 Polyclonal Antibody
Product Gene Name	anti-APPBP2 antibody
Product Synonym Names	APPBP2; APP-BP2; HS.84084; PAT1; amyloid protein-binding protein 2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.
Molecular Weight	Calculated: 66kDa Observed: 67kDa; 71kDa; 80kDa
OMIM	605324
3D Structure	ModBase 3D Structure for Q92624
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 386-585 of human APPBP2 (NP_006371.2).
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-APPBP2 antibody	Western Blot (WB)
Application Notes for anti-APPBP2 antibody	Recommended dilution: WB: 1:500-1:2000
Related Product Information for anti-APPBP2 antibody	The protein encoded by this gene interacts with microtubules and is functionally associated with beta-amyloid precursor protein transport and/or processing. The beta-amyloid precursor protein is a cell surface protein with signal-transducing properties, and it is thought to play a role in the pathogenesis of Alzheimer's disease. The encoded protein may be involved in regulating cell death. This gene has been found to be highly expressed in breast cancer. Alternative splicing results in multiple transcript variants.
Other Notes	Small volumes of anti-APPBP2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for APPBP2 purchase	MBS9140501 is an antibody targeting APPBP2. Also known as APPBP2 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-APPBP2 antibody
Western blot analysis of extracts of various cell lines, using APPBP2 antibody (MBS9140501) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (MBS128200) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 35s.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for APPBP2. It may not necessarily be applicable to this product.

NCBI GI #	18104962
NCBI GeneID	10513
NCBI Accession #	NP_006371.2
UniProt Primary Accession #	Q92624
UniProt Related Accession #	Q92624
GenBank Nucleotide #	NP_006371.2
NCBI Official Full Name	amyloid protein-binding protein 2 isoform 1
NCBI Official Synonym Full Names	amyloid beta precursor protein binding protein 2
NCBI Official Symbol	APPBP2
NCBI Official Synonym Symbols	PAT1; APP-BP2; HS.84084
UniProt Protein Name	Amyloid protein-binding protein 2
UniProt Synonym Protein Names	Amyloid beta precursor protein-binding protein 2; APP-BP2; Protein interacting with APP tail 1
Protein Family	Amyloid protein-binding protein
UniProt Gene Name	APPBP2
UniProt Synonym Gene Names	KIAA0228; PAT1; APP-BP2
UniProt Entry Name	APBP2_HUMAN
NCBI Protein Information	amyloid protein-binding protein 2

UniProt Comments for APPBP2	APPBP2: May play a role in intracellular protein transport. May be involved in the translocation of APP along microtubules toward the cell surface. Protein type: Nuclear receptor co-regulator Chromosomal Location of Human Ortholog: 17q23.2 Cellular Component: microtubule; microtubule associated complex; cytoplasmic vesicle membrane; cytoplasm; nucleus Molecular Function: protein binding; microtubule motor activity Biological Process: intracellular protein transport; intracellular transport; metabolic process
Research Articles on APPBP2	**1.** It facilitates the regulator of calcineurin 1-mediated apoptosis by downregulating proteasome subunits.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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