PSD Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PSD, Polyclonal Antibody
Full Product Name	PSD Antibody, Biotin conjugated
Product Gene Name	anti-PSD antibody
Product Synonym Names	PH and SEC7 domain-containing protein 1; Exchange factor for ARF6; Pleckstrin homology and SEC7 domain-containing protein 1; PSD; EFA6; KIAA2011; PSD1; TYL
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: PSD (MBS7104157) Biotin Conjugated Antibody: PSD (MBS7104160)
Molecular Weight	70,393 Da
OMIM	X99688 mRNA
3D Structure	ModBase 3D Structure for A5PKW4
Immunogen	Recombinant Human PH and SEC7 domain-containing protein 1 protein (247-489AA)
Conjugation	Biotin
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PSD antibody	ELISA (EIA)
Related Product Information for anti-PSD antibody	Guanine nucleotide exchange factor for ARF6. Induces cytoskeletal remodeling (By similarity).
Other Notes	Small volumes of anti-PSD 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 PSD purchase	MBS7104160 is an antibody targeting PSD. Also known as PSD Antibody, Biotin conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

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

NCBI GI #	402534559

NCBI GeneID	5662
NCBI Accession #	NP_001257894.1
UniProt Primary Accession #	A5PKW4
UniProt Secondary Accession #	Q15673; Q8IVG0; B1AKX7; D3DR87
UniProt Related Accession #	A5PKW4
GenBank Nucleotide #	NM_001270965.1
NCBI Official Full Name	PH and SEC7 domain-containing protein 1 isoform 1
NCBI Official Synonym Full Names	pleckstrin and Sec7 domain containing
NCBI Official Symbol	PSD
NCBI Official Synonym Symbols	TYL; EFA6; PSD1; EFA6A
UniProt Protein Name	PH and SEC7 domain-containing protein 1
UniProt Synonym Protein Names	Exchange factor for ADP-ribosylation factor guanine nucleotide factor 6; Exchange factor for ARF6; Exchange factor for ARF6 A; Pleckstrin homology and SEC7 domain-containing protein 1
Protein Family	PH and SEC7 domain-containing protein
UniProt Gene Name	PSD
UniProt Synonym Gene Names	; Exchange factor for ARF6
NCBI Protein Information	PH and SEC7 domain-containing protein 1
NCBI Summary for PSD	This gene encodes a Plekstrin homology and SEC7 domains-containing protein that functions as a guanine nucleotide exchange factor. The encoded protein regulates signal transduction by activating ADP-ribosylation factor 6. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]
UniProt Comments for PSD	Guanine nucleotide exchange factor for ARF6 (PubMed:23603394). Induces cytoskeletal remodeling ().
Research Articles on PSD	**1.** Arf GTPases are likely to be locally activated by EFA6 and in turn targeted to the Flemming body to complete cytokinesis.
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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Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/psd/7104160