EPB41L2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	EPB41L2, Polyclonal Antibody
Full Product Name	EPB41L2 Antibody
Product Gene Name	anti-EPB41L2 antibody
Product Synonym Names	Band 4.1-like protein 2; Generally expressed protein 4.1; 4.1G
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of EPB41L2 protein.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
Molecular Weight	112,588 Da
Chromosome Location	Chromosome: 6; NC_000006.11 (131160487..131384462, complement). Location: 6q23
OMIM	603237
3D Structure	ModBase 3D Structure for O43491
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human EPB41L2. The exact sequence is proprietary.
Product Categories/Family for anti-EPB41L2 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-EPB41L2 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-EPB41L2 antibody	WB: 1:500-1:1000 IHC: 1:50-1:200
Related Product Information for anti-EPB41L2 antibody	MBS8580558 is an antibody targeting EPB41L2. Also known as EPB41L2 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit. Rabbit polyclonal antibody to EPB41L2
Other Notes	Small volumes of anti-EPB41L2 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for EPB41L2. It may not necessarily be applicable to this product.

NCBI GI #	207113195
NCBI GeneID	2037

NCBI Accession #	NP_001129026.1
UniProt Primary Accession #	O43491
UniProt Secondary Accession #	Q5T4F0; Q68DV2; B4DHI8
UniProt Related Accession #	O43491
GenBank Nucleotide #	NM_001135554.1
NCBI Official Full Name	band 4.1-like protein 2 isoform b
NCBI Official Synonym Full Names	erythrocyte membrane protein band 4.1-like 2
NCBI Official Symbol	EPB41L2
NCBI Official Synonym Symbols	4.1G; 4.1-G
UniProt Protein Name	Band 4.1-like protein 2
UniProt Synonym Protein Names	Generally expressed protein 4.1
Protein Family	Band 4.1-like protein
UniProt Gene Name	EPB41L2
UniProt Synonym Gene Names	4.1G
UniProt Entry Name	E41L2_HUMAN
NCBI Protein Information	band 4.1-like protein 2; generally expressed protein 4.1; erythrocyte membrane protein band 4.1 like-protein 2
UniProt Comments for EPB41L2	EPB41L2: 2 isoforms of the human protein are produced by alternative splicing. Protein type: Cytoskeletal Chromosomal Location of Human Ortholog: 6q23 Cellular Component: spectrin; nucleoplasm; signalosome; focal adhesion; extrinsic to membrane; plasma membrane; nucleus; cell junction Molecular Function: structural molecule activity; actin binding; PH domain binding Biological Process: cortical actin cytoskeleton organization and biogenesis
Research Articles on EPB41L2	**1.** A phosphoserine-dependent tethering role for protein 4.1G in lipid rafts provides insight into the unique phosphoserine-based regulation of FcgammaRI receptor signaling.
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