

Rabbit Band 4.1-like protein 1 Polyclonal Antibody | anti-EPB41L1 antibody

Anti-EPB41L1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46017	Rabbit	Human, Mouse, Rat. No cross reactivity with other proteins.	Western Blot

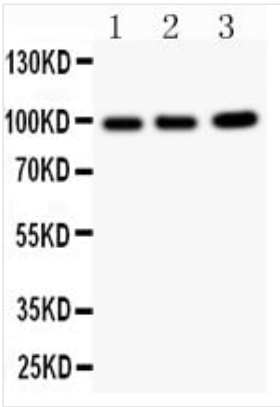
PRODUCT SYNONYMS

Band 4.1-like protein 1; Polyclonal Antibody; Anti-EPB41L1 Antibody; 4.1N antibody; Band 4.1 like protein 1 antibody; Band 4.1-like protein 1 antibody; DKFZp686H17242 antibody; E41L1_HUMAN antibody; EPB41L 1 antibody; Epb41l1 antibody; Erythrocyte membrane protein band 4.1 like 1 antibody; KIAA0338 antibody; MGC11072 antibody; MRD11 antibody; Neuron type nonerythroid protein 4.1 antibody; Neuronal protein 4.1 antibody; Nonerythroid protein 4.1 antibody; Nonerythroid protein 4.1; neuron type antibody; OTTHUMP00000030825 antibody; OTTHUMP00000030826 antibody; OTTHUMP00000030827 antibody; OTTHUMP00000030829 antibody; erythrocyte membrane protein band 4.1-like 1; anti-EPB41L1 antibody

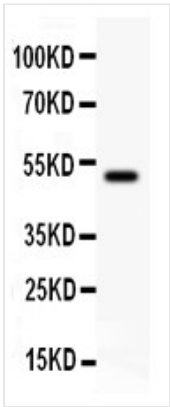
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat. No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	880
Applicable Applications for anti-EPB41L1 antibody	WB (Western Blot)
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E.coli-derived human EPB41L1 recombinant protein (Position: Q691-S881). Human EPB41L1 shares 91% amino acid (aa) sequence identity with both mouse and rat EPB41L1.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
Anti- EPB41L1 Picoband antibody, AAA46017, Western blottingAll lanes: Anti EPB41L1 (AAA46017) at 0.5ug/mlLane 1: Rat Brain Tissue Lysate at 50ugLane 2: Mouse Brain Tissue Lysate at 50ugLane 3: A549 Whole Cell Lysate at 40ugPredicted bind size: 98KDObserved bind size: 98KD



WB (Western Blot)
Anti- EPB41L1 Picoband antibody, AAA46017, Western blottingAll lanes: Anti EPB41L1 (AAA46017) at 0.5ug/mlWB: Recombinant Human EPB41L1 Protein 0.5ngPredicted bind size: 50KDObserved bind size: 50KD

ADDITIONAL INFORMATION

Related Product Information for anti-EPB41L1 antibody	Description: Rabbit IgG polyclonal antibody for Band 4.1-like protein 1(EPB41L1) detection. Tested with WB in Human;Mouse;Rat. Background: Band 4.1-like protein 1 is a protein that in humans is encoded by the EPB41L1 gene. This gene is mapped to 20q11.23. It is found that a heterozygous missense mutation in the EPB41L1 gene causing nonsyndromic intellectual disability. This gene may function to confer stability and plasticity to neuronal membrane via multiple interactions, including the spectrin-actin-based cytoskeleton, integral membrane channels and membrane-associated guanylate kinases. What's more, EPB41L1 is a multifunctional protein that mediates interactions between the erythrocyte cytoskeleton and the overlying plasma membrane.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	385251397
NCBI GeneID	2036
NCBI Accession #	NP_001245258.1
NCBI GenBank Nucleotide #	NM_001258329.1
UniProt Accession #	Q9H4G0; O15046; Q4VXM6; Q4VXM7; Q4VXM8; Q4VXN4; Q6ZT61; Q8IUU7; Q96CV5; Q96L65
Molecular Weight	78,831 Da
NCBI Official Full Name	band 4.1-like protein 1 isoform c
NCBI Official Synonym Full Names	erythrocyte membrane protein band 4.1-like 1
NCBI Official Symbol	EPB41L1
NCBI Official Synonym Symbols	4.1N; MRD11
NCBI Protein Information	band 4.1-like protein 1; neuronal protein 4.1; neuron-type nonerythroid protein 4.1
UniProt Protein Name	Band 4.1-like protein 1
UniProt Gene Name	EPB41L1
UniProt Synonym Gene Names	KIAA0338; 4.1N
UniProt Entry Name	E41L1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/band-41-like-protein-1-antibody-western-blot-elisa/46017>