

Rabbit anti-Human EPB41 Polyclonal Antibody | anti-EPB41 antibody

EPB41 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283265	Rabbit	Human	ELISA, Immunoprecipitation, Western Blot

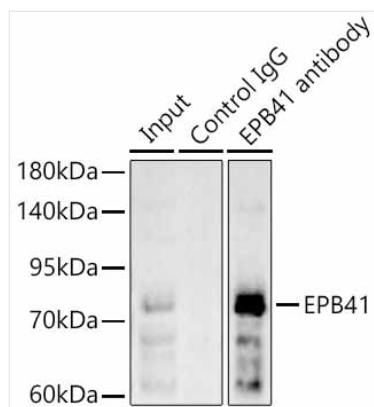
PRODUCT SYNONYMS

EPB41; Polyclonal Antibody; EPB41 Rabbit pAb; HE; EL1; 4.1R; anti-EPB41 antibody

PRODUCT SPECIFICATIONS

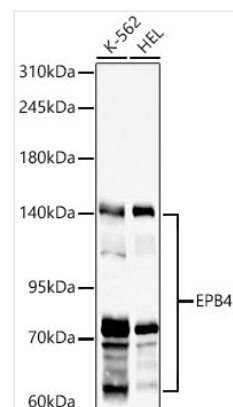
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	RPSEWDKRLS THSPFRTLNI NGQIPTGEGP PLVKTQVTI SDNANAVKSE IPTKDVPVH TETKTITYEA AQTDNSGDL DPGVLLTAQT ITSETPSSTT T
Applicable Applications for anti-EPB41 antibody	ELISA, IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 700-800 of human EPB41(NP_001159477.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation of EPB41 in 300 ug extracts from K-562 cells using 3 ug EPB41 Rabbit pAb (AAA283265). Western blot analysis was performed using EPB41 Rabbit pAb (AAA283265) at 1:500 dilution.



WB (Western Blot)

Western blot analysis of various lysates using EPB41 Rabbit pAb (AAA283265) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates / proteins: 25 ug per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-EPB41 antibody	The protein encoded by this gene, together with spectrin and actin, constitute the red cell membrane cytoskeletal network. This complex plays a critical role in erythrocyte shape and deformability. Mutations in this gene are associated with type 1 elliptocytosis (EL1). Alternatively spliced transcript variants encoding different isoforms have been described for this gene.
Product Categories/Family for anti-EPB41 antibody	Signal Transduction; Cell Biology Developmental Biology; Cytoskeleton; Microfilaments; Cardiovascular; Blood; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	260436831
NCBI GeneID	2035
NCBI Accession #	NP_001159477.1
NCBI GenBank Nucleotide #	NM_001166005.1
UniProt Accession #	P11171; P11176; Q14245; Q5TB35; Q5VXN8; Q8IXV9; Q9Y578; Q9Y579; B1ALH8; B1ALH9; D3DPM9; D3DPN0
Molecular Weight	Calculated MW: 97kDa Observed MW: 81kDa/60-135kDa
UniProt Protein Name	Protein 4.1
UniProt Gene Name	EPB41
UniProt Synonym Gene Names	E41P; P4.1
UniProt Entry Name	41_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/epb41-antibody-immunoprecipitation-western-blot-elisa/283265>