

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

Anti-EPB41 Antibody, Rabbit Polyclonal

CATALOG # AAA256868	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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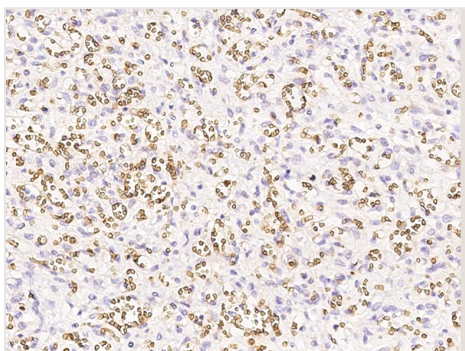
PRODUCT SYNONYMS

EPB41; Polyclonal Antibody; Anti-EPB41 Antibody; Rabbit Polyclonal; EPB41 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-4.1R Antibody; Anti-EL1 Antibody; Anti-HE Antibody; Anti-RP11-242O24.1 Antibody; anti-EPB41 antibody

PRODUCT SPECIFICATIONS

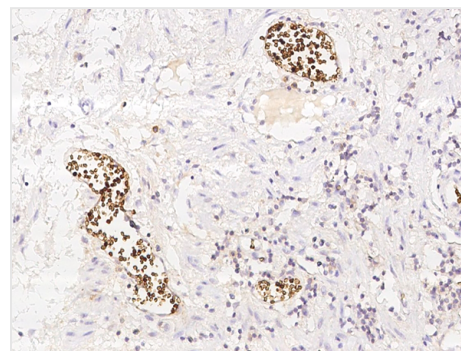
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human EPB41
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-EPB41 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human EPB41 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human EPB41 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human EPB41 in human placenta with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human EPB41 in human stomach with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-EPB41 antibody	Protein 4.1R (EPB41) is the main cytoskeleton component of the erythrocyte membrane and may be involved in cell migration and adhesion. The EPB41 (protein 4.1) genes epitomize the resourcefulness of the mammalian genome to encode a complex proteome from a small number of genes. By utilizing alternative transcriptional promoters and tissue-specific alternative pre-mRNA splicing, EPB41, EPB41L2, EPB41L3, and EPB41L1 encode a diverse array of structural adapter proteins. The EPB41 genes, EPB41, EPB41L2, EPB41L3, and EPB41L1, encode an impressively complex array of structural adaptor proteins (designated 4.1R, 4.1G, 4.1B, and 4.1N, respectively) by using alternative transcriptional promoters and tissue-specific alternative pre-mRNA splicing. The great variety of 4.1 proteins mainly results from 5'-end and internal processing of the EPB41 pre-mRNAs. Thus, 4.1 proteins can vary in their N-terminal extensions but all contain a highly homologous C-terminal domain (CTD).
References	Zhao Q, et al. (2020) Silencing epb41 gene expression leads to cell cycle arrest, migration inhibition, and upregulation of cell surface antigen in dc2.4 cells. Med Sci Monit 26 e920594.Rangel L, et al. (2017) Alternative polyadenylation in a family of paralogous epb41 genes generates protein 4.1 diversity. RNA Biol 14 (2): 236-244.Parra M, et al. (2004) Differential domain evolution and complex rna processing in a family of paralogous epb41 (protein 4.1) genes facilitate expression of diverse tissue-specific isoforms. Genomics 84 (4): 637-646.

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-immunohistochemistry-elisa/256868>