

Product datasheet for **TA329525**

EPB41 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-EPB41 antibody: synthetic peptide directed towards the N terminal of human EPB41. Synthetic peptide located within the following region: EKGGEGGQKEIEFGTSLDEEILKAPIAAPEPELKTDPDLHLSSAETQ
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	86 kDa
Gene Name:	erythrocyte membrane protein band 4.1
Database Link:	NP_001159479 Entrez Gene 2035 Human P11171
Background:	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. [provided by RefSeq, Oct 2009]
Synonyms:	4.1R; EL1; HE



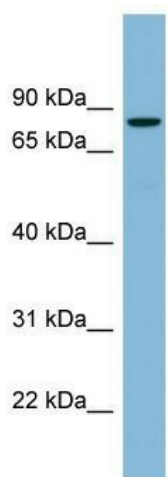
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Note: Immunogen sequence homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%

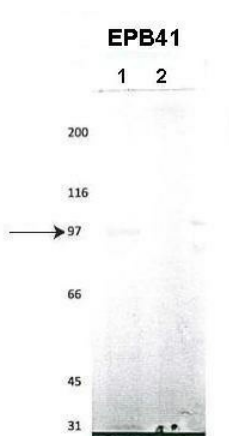
Protein Families: Druggable Genome

Protein Pathways: Tight junction

Product images:



WB Suggested Anti-EPB41 Antibody Titration: 0.2-1 ug/ml; Positive Control: Human Spleen



Lanes: 1. 50 ug xenopus laevis embryos lysate (lysate buffer) 2. 50 ug xenopus laevis embryos lysate (HB buffer); Primary Antibody Dilution: 1:300; Secondary Antibody: Goat Anti-Rabbit AP; Secondary Antibody Dilution: 1:20,000; Gene Name: EPB41; Submitted by: Rosa Carotenuto, Department of Structural and Functional Biology, University of Naples 'Federico II';

See Immunoblot 2 Data and Customer Feedback for more information