

Datasheet for ABIN2775562
anti-EPB41 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	EPB41
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Rabbit, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPB41 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human EPB41
Sequence:	EKGEGGQKEI EFGTSLDEEI ILKAPIAAPE PELKTDPSLD LHSLSAETQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against EPB41. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	EPB41
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Target Details

Alternative Name:	EPB41 (EPB41 Products)
Background:	<p>Elliptocytosis is a hematologic disorder characterized by elliptically shaped erythrocytes and a variable degree of hemolytic anemia. Inherited as an autosomal dominant, elliptocytosis results from mutation in any one of several genes encoding proteins of</p> <p>Alias Symbols: 4.1R, EL1, HE</p> <p>Protein Interaction Partner: CLNS1A, ZCCHC10, RWDD2B, CALM, UBC, FN1, Htt, MACROD1, C2CD2L, CENPJ, TJP2, EIF3G, SMAD3, SEC14L1, YWHAB, DLG1, KPNA2, CASK, GDI1, U2AF2, U2AF1, TUBA4A, TPM1, FKBP2, SPTB, SPTAN1, SPTBN1, EPB42, PRKCB, NUMA1, MYL1, YWHAQ, EGFR, DRD3, DRD2, CRYAB, BCAM, GY</p> <p>Protein Size: 775</p>
Molecular Weight:	86 kDa
Gene ID:	2035
NCBI Accession:	NM_203343 , NP_976218
UniProt:	P11171

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 775 AA
Restrictions:	For Research Use only

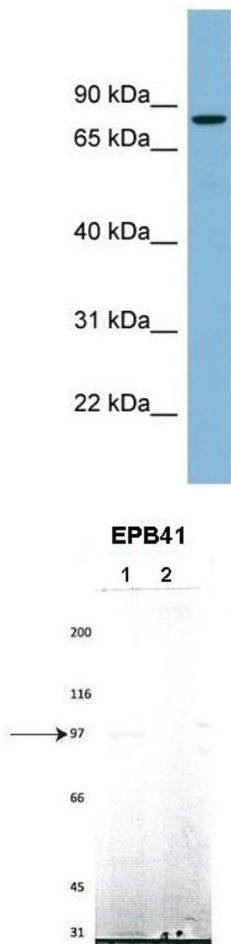
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



See Immunoblot 2 Data and Customer Feedback for more information

Western Blotting

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

Western Blotting

Image 2. 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'