

Datasheet for ABIN2460809

anti-EPB42 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	EPB42
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPB42 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human EPB42.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	EPB42
Alternative Name:	EPB42 (EPB42 Products)
Background:	Erythrocyte membrane protein band 4.2 is an ATP-binding protein which may regulate the association of protein 3 with ankyrin. It probably has a role in erythrocyte shape and mechanical property regulation. Mutations in the EPB42 gene are associated with recessive spherocytic elliptocytosis and recessively transmitted hereditary hemolytic anemia.
Molecular Weight:	80 kDa

Target Details

Gene ID:	2038
NCBI Accession:	NP_000110
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	EPB42 antibody can be used for detection of EPB42 by ELISA at 1:1562500. EPB42 antibody can be used for detection of EPB42 by western blot at 0.5 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store EPB42 antibody at -20 °C.

Images



Western Blotting

Image 1.