Datasheet for ABIN1107099

anti-EPB42 antibody (Middle Region)

1 Image

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Overview

Quantity:	100 µL
Target:	EPB42
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPB42 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen for anti-EPB42 antibody: synthetic peptide directed towards the middle region of human EPB42.
Sequence:	ISTKGVGSDR CEDITQNYKY PEGSLQEKEV LERVEKEKME REKDNGIRPP
Cross-Reactivity (Details):	Species reactivity (expected):Rat, Mouse, ChickenSpecies reactivity (tested):Human
Purification:	Purified using peptide immunoaffinity column

Target Details

Target:	EPB42
Abstract:	EPB42 Products
Background:	Erythrocyte membrane protein band 4.2 is an ATP-binding protein which may regulate the

Target Details

	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.Synonyms: Band 4.2, Erythrocyte membrane protein band 4.2, Erythrocyte protein 4.2, P4.2
Gene ID:	2038
NCBI Accession:	NP_000110
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Reconstitution:	Add 50 µL of distilled water to a final concentration of 1 mg/mL.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store lyophilized at 2-8 °C or at -20 °C long term. After reconstitution store the antibody undiluted at 2-8 °C for up to one month or in aliquots at -20 °C long term.

Images

Western Blotting

Image 1. Human Liver; WB Suggested Anti-EPB42 Antibody Titration: 0.2-1 ug/ml. Positive Control: Human Liver; EPB42 antibody - middle region in Human Liver cells using Western Blot