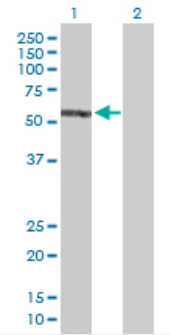
MaxPab®

EPB41 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00002035-D01P Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of EPB41 expression in transfected 293T cell line (H00002035-T02) by EPB41 MaxPab polyclonal antibody.

Lane 1: EPB41 transfected lysate(81.20 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human EPB41 protein.
Immunogen	EPB41 (AAH39079.1, 1 a.a. ~ 720 a.a) full-length human protein.
Sequence	MTTEKSLVTEAENSQHQQKEEGEEAINSGQQEPQQEESCQTAAEGDNWCEQKLKASNGDTPTH EDLTKNKERTSESRGLSRLFSSFLKRPKSQVSEEEGKEVESDKEKGEGGQKEIEFGTSLDEEIILK APIAAPEPELKTDPSLDLHSLSSAETQPAQEELREDPDFEIKEGEGLEECSKIEVKEESPQSKAE TELKASQKPIRKHRNMHCKVSLLDDTVYECVVEKHAKGQDLLKRVCEHLNLLEEDYFGLAIWDNA TSKTWLDSAKEIKKQVRGVPWNFTFNVKFYPPDPAQLTEDITRYYLCLQLRQDIVAGRLPCSFATL ALLGSYTIQSELGDYDPELHGVDYVSDFKLAPNQTKELEEKVMELHKSYRSMTPAQADLEFLENA KKLSMYGVDLHKAKDLEGVDIILGVCSSGLLVYKDKLRINRFPWPKVLKISYKRSSFFIKIRPGEQE QYESTIGFKLPSYRAAKKLWKVCVEHHTFFRLTSTDTIPKSKFLALGSKFRYSGRTQAQTRQASALI DRPAPHFERTASKRASRSLDGAAAVDSADRSPRPTSAPAITQGQVAEGGVLDASAKKTVVPKA QKETVKAEVKKEDEPPEQAEPEPTEAWKVEKTHIEVTVPTSNGDQTQKKRERLDGENIYIRHSNL MLEDLDKSQEEIKKHHASISELKKNFMESVPEPRPSEWDKRLSTHSPFRTLNINGQIPTGEGVSTL ST
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.

Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Western Blot analysis of EPB41 expression in transfected 293T cell line (H00002035-T02) by EPB41 MaxPab polyclonal antibody.

  Lane 1: EPB41 transfected lysate(81.20 KDa).
  Lane 2: Non-transfected lysate.

  Protocol Download

Gene Info — EPB41

Entrez GeneID	2035
GeneBank Accession#	BC039079.1
Protein Accession#	AAH39079.1
Gene Name	EPB41
Gene Alias	4.1R, EL1, HE
Gene Description	erythrocyte membrane protein band 4.1 (elliptocytosis 1, RH-linked)
Omim ID	130500
Gene Ontology	Hyperlink
Gene Summary	Elliptocytosis is a hematologic disorder characterized by elliptically shaped erythrocytes and a var iable degree of hemolytic anemia. Inherited as an autosomal dominant, elliptocytosis results from mutation in any one of several genes encoding proteins of the red cell membrane skeleton. The fo rm discussed here is the one found in the 1950s to be linked to Rh blood group and more recently shown to be caused by a defect in protein 4.1. 'Rh-unlinked' forms of elliptocytosis are caused by mutation in the alpha-spectrin gene (MIM 182860), the beta-spectrin gene (MIM 182870), or the b and 3 gene (MIM 109270).[supplied by OMIM
Other Designations	OTTHUMP00000003772|OTTHUMP00000003773|OTTHUMP00000003774|erythrocyte surface protein band 4.1

Pathway

- Tight junction