

DNAxPAb

Hard-to-Find
Antibody

EPB41 DNAxPab

Catalog # H00002035-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human EPB41 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MTTEKSLVTEAENSQHQQKEEGEEAINSGQQEPQQEESCQTAAEGDNWCEQKLKASNGDTPTH
EDLTKNKERTSESRGLSRLFSSFLKRPKSQVSEEEGKEVESDKEKGEGGQKEIEFGTSLDEEILK
APIAAPEPELKTDPISLDLHSLSSAETQPAQEELREDPDFEIKEGEGLEECISKIEVKEESPQSKAE
TELKASQKPIRKHRNMHCKVSLDDTVYECVVEKHAKGQDLLKRVCEHLNLEEDYFGLAWDNA
TSKTWLDMAKEIKKQVRGVPWNFTFNVKFYPPDPAQLTEDITRYLCLQLRQDIVAGRLPCSFATL
ALLGSYTIQSELGDYDPELHGVDYVSDFKLAPNQTKLEEKVMEHLSYRSMTPAQADLEFLENA
KKLSMYGVDLHKAKDLEGVDIILGVCSSGLLVYDKLRINRFPWPKVLKISYKRSSFFIKIRPGEQE
QYESTIGFKLPSYRAAKKLWKVCVEHHTFFRLTSTDITPKSKFLALGSKFRYSGRTQAQTRQASALI
DRPAPHFERTASKRASRLDGAAVDSADRSPRPTSAPAITQGQVAEGGVLDASAKKTVVPKA
QKETVKAEVKKEDEPPEQAEPEPTAEWKVEKTHIEVTVPTSNGDQTQKKRERLDGENIYRHSNL
MLEDLKSEQEIKKHASISELKKNFMESVPEPRPSEWDKRLSTHSPFRTLNINGQIPTGEGVSTL
ST

Host Rabbit

Reactivity Human

Purification Protein A

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)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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 variable 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 form 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](#)