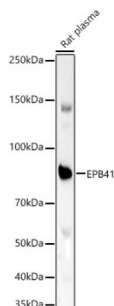


Erythrocyte Membrane Protein Band 4.1 (EPB41) Antibody

Catalogue No.: abx001934



Western blot analysis of various lysates using EPB41 Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.

EPB41 Antibody is a Rabbit Polyclonal antibody against EPB41. The protein encoded by this gene, together with spectrin and actin, constitute the red cell membrane cytoskeletal network. This complex plays a critical role in erythrocyte shape and deformability. Mutations in this gene are associated with type 1 elliptocytosis (EL1). Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

| | |
|-------------------------------|--|
| Target: | Erythrocyte Membrane Protein Band 4.1 (EPB41) |
| Clonality: | Polyclonal |
| Reactivity: | Human, Mouse, Rat |
| Tested Applications: | ELISA, WB |
| Host: | Rabbit |
| Recommended dilutions: | ELISA: 1 µg/ml, WB: 1/500 - 1/1000. Optimal dilutions/concentrations should be determined by the end user. |
| Conjugation: | Unconjugated |
| Immunogen: | Recombinant protein corresponding to EPB41. The exact sequence is proprietary. |
| Isotype: | IgG |
| Form: | Liquid |
| Purification: | Purified by affinity chromatography. |
| Storage: | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| UniProt Primary AC: | P11171 (UniProt , ExPASy) |
| Gene Symbol: | EPB41 |

Datasheet

Version: 3.0.0

Revision date: 08 Oct 2025



GeneID: [2035](#)

NCBI Accession: NP_001159478.1

KEGG: hsa:2035

String: [9606.ENSP00000345259](#)

Molecular Weight: Calculated MW: 97 kDa
Observed MW: 97 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: > 0.2 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only