

EPB41 Rabbit pAb

Catalog No.: A25049

Basic Information

Observed MW

81kDa/60-135kDa

Calculated MW

97kDa

Category

Primary antibody

Applications

ELISA, WB, IP

Cross-Reactivity

Human

Background

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.

Recommended Dilutions

WB 1:1000 - 1:5000

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

Immunogen Information

Gene ID

2035

Swiss Prot

P11171

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 700-800 of human EPB41(NP_001159477.1).

Synonyms

HE; EL1; 4.1R

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

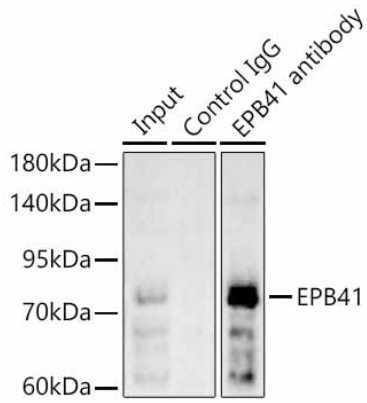
Affinity purification

Storage

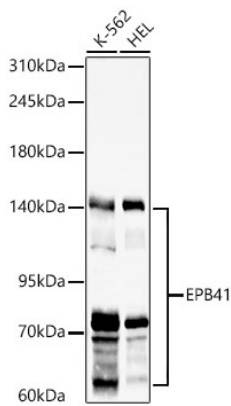
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data



Immunoprecipitation of EPB41 in 300 μ g extracts from K-562 cells using 3 μ g EPB41 Rabbit pAb (A25049). Western blot analysis was performed using EPB41 Rabbit pAb (A25049) at 1:500 dilution.



Western blot analysis of various lysates using EPB41 Rabbit pAb (A25049) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates / proteins: 25 μ g per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.