

**Anti-Human/Mouse Phospho-EPB41 (Tyr660) Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA01711**

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3th Edition

**Description:** 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. EPB41 (Erythrocyte Membrane Protein Band 4.1) is a Protein Coding gene. Diseases associated with EPB41 include Elliptocytosis-1 and Hereditary Elliptocytosis. Among its related pathways are Protein-protein interactions at synapses and Sertoli-Sertoli Cell Junction Dynamics. GO annotations related to this gene include actin binding and calmodulin binding. An important paralog of this gene is EPB41L2.

**Antigen:** Synthesized peptide derived from human 4.1R around the phosphorylation site of Tyr660

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**