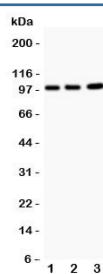


## EPB41L1 Antibody (R31593)

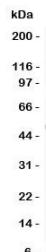
Catalog No.	Formulation	Size
R31593	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
<b>Gene ID</b>	2036
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This EPB41L1 antibody is available for research use only.



Western blot testing of EPB41L1 antibody and Lane 1: rat brain; 2: mouse brain; 3: human A549. Predicted/observed size ~99 kDa.



Western blot testing of EPB41L1 antibody and recombinant human protein (0.5ng)

## Description

Band 4.1-like protein 1 is a protein that in humans is encoded by the EPB41L1 gene. This gene is mapped to 20q11.23. It is found that a heterozygous missense mutation in the gene causes nonsyndromic intellectual disability. This gene may function to confer stability and plasticity to neuronal membrane via multiple interactions, including the spectrin-actin-based cytoskeleton, integral membrane channels and membrane-associated guanylate kinases. Additionally, EPB41L1 is a multifunctional protein that mediates interactions between the erythrocyte cytoskeleton and the overlying plasma membrane.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the EPB41L1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

Human partial recombinant protein (AA 691-881) was used as the immunogen for this EPB41L1 antibody.

## Storage

After reconstitution, the EPB41L1 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.