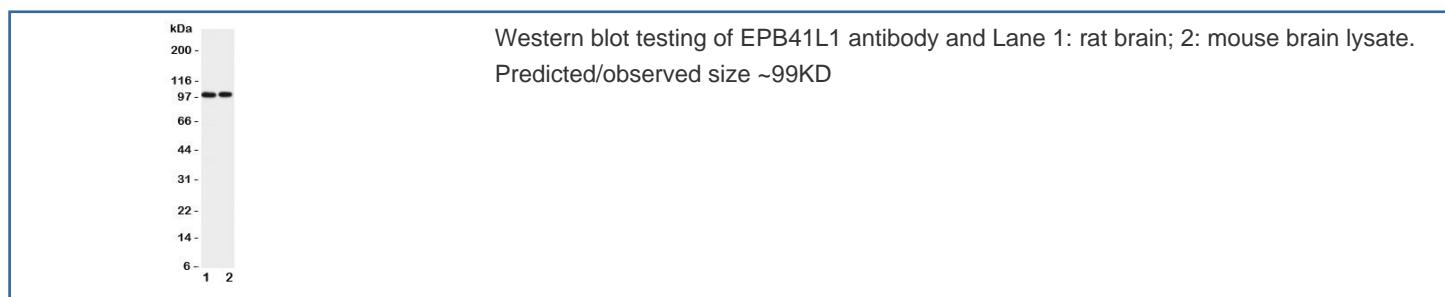


## EPB41L1 Antibody (R31390)

Catalog No.	Formulation	Size
R31390	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q9H4G0
Applications	Western Blot : 0.5-1ug/ml
Limitations	This EPB41L1 antibody is available for research use only.



## Description

Erythrocyte membrane protein band 4.1 like 1 is a protein that in humans is encoded by the EPB41L1 gene. 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. EPB41L1 has been shown to interact with ITPR1, Dopamine receptor D2, Dopamine receptor D3, CENTG1 and Nuclear mitotic apparatus protein 1.

## 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

An amino acid sequence from the C-terminus of human Erythrocyte membrane protein band 4.1 like 1 (QDQERDTVFLKDNHLAIERK) 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.