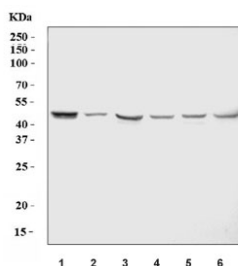


## ZIC1 Antibody (RQ7020)

Catalog No.	Formulation	Size
RQ7020	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>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q15915
<b>Applications</b>	Western Blot : 0.5-1 ug/ml Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This ZIC1 antibody is available for research use only.



Western blot testing of 1) human U-251, 2) human SH-SY5Y, 3) rat brain, 4) rat C6, 5) mouse brain and 6) mouse NIH 3T3 cell lysate with ZIC1 antibody. Predicted molecular weight ~48 kDa.

## Description

ZIC1 is a member of the Zinc finger of the cerebellum (ZIC) protein family. This gene encodes a member of the ZIC family of C2H2-type zinc finger proteins. Members of this family are important during development. Aberrant expression of this gene is seen in medulloblastoma, a childhood brain tumor. This gene is closely linked to the gene encoding zinc finger protein of the cerebellum 4, a related family member on chromosome 3. This gene encodes a transcription factor that can bind and transactivate the apolipoprotein E gene.

## Application Notes

Optimal dilution of the ZIC1 antibody should be determined by the researcher.

## **Immunogen**

Recombinant human protein (amino acids T16-H195) was used as the immunogen for the ZIC1 antibody.

## **Storage**

After reconstitution, the ZIC1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.