A15736

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ZIC2 Rabbit pAb

Catalog No.: A15736 1 Publications

Basic Information

Observed MW
50kDa

Calculated MW
55kDa

Category
Polyclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Mouse,Rat

Background

This gene encodes a member of the ZIC family of C2H2-type zinc finger proteins. This protein functions as a transcriptional repressor and may regulate tissue specific expression of dopamine receptor D1. Expansion of an alanine repeat in the C-terminus of the encoded protein and other mutations in this gene cause holoprosencephaly type 5. Holoprosencephaly is the most common structural anomaly of the human brain. A polyhistidine tract polymorphism in this gene may be associated with increased risk of neural tube defects. This gene is closely linked to a gene encoding zinc finger protein of the cerebellum 5, a related family member on chromosome 13.

Recommended Dilutions

WB	1:500 - 1:2000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
7546

Swiss Prot
O95409

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
HPE5; ZIC2

Contact

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Product Information

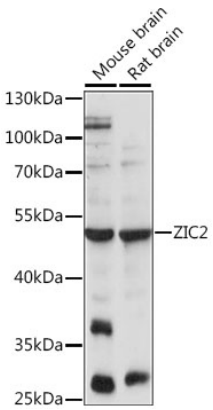
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of various lysates using ZIC2 Rabbit pAb (A15736) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 30s.

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Please visit https://abclonal.com for a complete listing of recommended products.