

Datasheet for ABIN7271432
anti-ZIC2 antibody (AA 1-220)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	ZIC2
Binding Specificity:	AA 1-220
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZIC2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	ZIC2 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-220 of human ZIC2 (NP_009060.2).
Sequence:	MLLDAGPQFP AIGVGSFARH HHHSAAAAAA AAAEMQDREL SLAAAQNGFV DSAAAHMGAF KLNPGAHELK PGQSSAFTSQ GPGAYPGSAA AAAAAAALGP HAAHVGSYSG PPFNSTRDFL FRSRGFGDSA PGGGQHGLFG PGAGGLHHAH SDAQGHLLFP GLPEQHGPFG SQNVLNGQMR LGLPGEVFGR SEQYRQVASP RTDPYSAAQL HNQYGPMNMN
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: ZIC2

Alternative Name: ZIC2 ([ZIC2 Products](#))

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.,ZIC2,HPE5,Epigenetics & Nuclear Signaling,Transcription Factors,Signal Transduction,Neuroscience,ZIC2

Molecular Weight: 55kDa

Gene ID: 7546

UniProt: [O95409](#)

Pathways: [Tube Formation](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

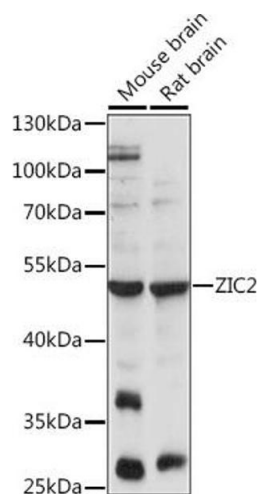
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Handling

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using ZIC2 antibody (ABIN7271432) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 30s.