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Datasheet for ABIN6989026 anti-ZIC2 antibody (AA 131-230)

Overview

Quantity:	100 µL
Target:	ZIC2
Binding Specificity:	AA 131-230
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZIC2 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Zic2
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Cow,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	ZIC2
Alternative Name:	Zic2 (ZIC2 Products)
Background:	Synonyms: HPE 5, HPE5, Odd paired homolog Drosophila, Zic 2, Zic family member 2 (odd

Target Details

paired Drosophila homolog), Zic family member 2, ZIC2, ZIC2_HUMAN, Zinc finger protein of the cerebellum 2, Zinc finger protein ZIC 2, Zinc finger protein Zic2.

Background: Acts as a transcriptional activator or repressor. Plays important roles in the early stage of organogenesis of the CNS. Activates the transcription of the serotonin transporter SERT in uncrossed ipsilateral retinal ganglion cells (iRGCs) to refine eye-specific projections in primary visual targets. Its transcriptional activity is repressed by MDFIC. Involved in the formation of the ipsilateral retinal projection at the optic chiasm midline. Drives the expression of EPHB1 on ipsilaterally projecting growth cones. Binds to the minimal GLI-consensus sequence 5'-TGGGTGGTC-3'. Associates to the basal SERT promoter region from ventrotemporal retinal segments of retinal embryos.

Gene ID: 7546

UniProt: [O95409](#)

Pathways: [Tube Formation](#)

Application Details

Application Notes: IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months