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ZIC4 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14411a

Product Information

Application	WB, E
Primary Accession	Q8N9L1
Other Accession	NP_115529.2
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB34373
Calculated MW	36567
Antigen Region	1-30

Additional Information

Gene ID	84107
Other Names	Zinc finger protein ZIC 4, Zinc finger protein of the cerebellum 4, ZIC4
Target/Specificity	This ZIC4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human ZIC4.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ZIC4 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ZIC4
Function	Binds to DNA.
Cellular Location	Nucleus.

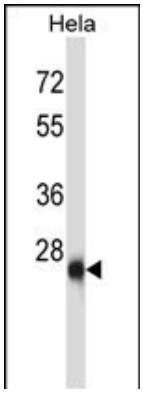
Background

This gene encodes a member of the ZIC family of C2H2-type zinc finger proteins. Members of this family are important during development, and have been associated with X-linked visceral heterotaxy and holoprosencephaly type 5. This gene is closely linked to the gene encoding zinc finger protein of the cerebellum 1, a related family member on chromosome 3. Heterozygous deletion of these linked genes is involved in Dandy-Walker malformation, which is a congenital cerebellar malformation. Multiple transcript variants have been identified for this gene.

References

Grinberg, I., et al. Clin. Genet. 67(4):290-296(2005)
Jaster, J.H. Neurology 63 (7), 1339 (2004) :
Grinberg, I., et al. Nat. Genet. 36(10):1053-1055(2004)
Ohtsuka, M., et al. Genomics 83(6):1063-1071(2004)
Bataller, L., et al. Neurology 62(5):778-782(2004)

Images



ZIC4 Antibody (N-term) (Cat. #AP14411a) western blot analysis in Hela cell line lysates (35ug/lane).This demonstrates the ZIC4 antibody detected the ZIC4 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.