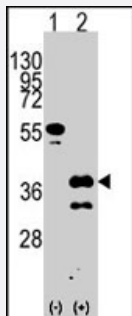


# ZIC4 polyclonal antibody

Catalog # PAB2562      Size 400 uL

## Applications



### Western Blot (Transfected lysate)

Western blot analysis of ZIC4 (arrow) using rabbit ZIC4 polyclonal antibody (Cat # PAB2562). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the ZIC4 gene (Lane 2) (Origene Technologies).

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of ZIC4.
<b>Immunogen</b>	A synthetic peptide (conjugated with KLH) corresponding to amino acids 305-334 at C-terminus of human ZIC4.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Protein A purification
<b>Recommend Usage</b>	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.09% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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## Gene Info — ZIC4

Entrez GeneID [84107](#)

Protein Accession# [NP\\_115529:Q8N9L1](#)

Gene Name ZIC4

Gene Alias FLJ42609, FLJ45833

Gene Description Zic family member 4

Omim ID [608948](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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. This gene encodes a protein of unknown function. [provided by RefSeq]

**Other Designations** zinc family member 4 protein HZIC4|zinc finger protein of the cerebellum 4

## Publication Reference

- [Molecular properties of Zic4 and Zic5 proteins: functional diversity within Zic family.](#)

Ishiguro A, Inoue T, Mikoshiba K, Aruga J.

Biochemical and Biophysical Research Communications 2004 Nov; 324(1):302.

- [Heterozygous deletion of the linked genes ZIC1 and ZIC4 is involved in Dandy-Walker malformation.](#)

Grinberg I, Northrup H, Ardinger H, Prasad C, Dobyns WB, Millen KJ.

Nature Genetics 2004 Oct; 36(10):1053.

- [Identification and characterization of Zic4, a new member of the mouse Zic gene family.](#)

Aruga J, Yozu A, Hayashizaki Y, Okazaki Y, Chapman VM, Mikoshiba K.

Gene 1996 Jun; 172(2):291.