



Anti-ZIC4 (aa 249-319) polyclonal antibody (DPAB-DC3461)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Antigen Description | 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. |
| Immunogen | ZIC4 (NP_115529, 249 a.a. ~ 319 a.a) partial recombinant protein with GST tag. The sequence is SDRKKHSHVHTSDKPYTCKVRGCDKCYTHPSSLRKHKMKVHGRSPPPSSGYDSATPSALVS PSSDCGHKSQV |
| Source/Host | Mouse |
| Species Reactivity | Human |
| Conjugate | Unconjugated |
| Applications | WB (Recombinant protein), ELISA, |
| Size | 50 µl |
| Buffer | 50 % glycerol |
| Preservative | None |
| Storage | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

GENE INFORMATION

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| Gene Name | ZIC4 Zic family member 4 [Homo sapiens (human)] |
| Official Symbol | ZIC4 |
| Synonyms | ZIC4; Zic family member 4; zinc finger protein ZIC 4; zinc family member 4 protein HZIC4; zinc finger protein of the cerebellum 4; |
| Entrez Gene ID | 84107 |
| Protein Refseq | NP_001161850 |
| UniProt ID | Q8N9L1 |
| Chromosome Location | 3q24 |
| Function | DNA binding; metal ion binding; |