



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

### GENE INFORMATION

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

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