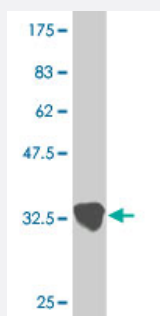


ZIC2 monoclonal antibody (M02), clone 3G5

Catalog # H00007546-M02

Size 100 ug

Applications



Western Blot detection against Immunogen (33.26 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant ZIC2.
Immunogen	ZIC2 (NP_009060, 151 a.a. ~ 216 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SDAQGHLLFP GLPEQHGPFG SQNVLNGQMR LGLPGEVFGR SEQYRQ VASP RTDPY
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (33.26 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — ZIC2

Entrez GeneID	7546
GeneBank Accession#	NM_007129
Protein Accession#	NP_009060
Gene Name	ZIC2
Gene Alias	HPE5
Gene Description	Zic family member 2 (odd-paired homolog, Drosophila)
Omim ID	603073 609637
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the ZIC family of C2H2-type zinc finger proteins. This protein functions as a transcriptional repressor and may regulate tissue specific expression of dopamine receptor D1. Mutations in this gene cause holoprosencephaly type 5. Holoprosencephaly is the most common structural anomaly of the human brain. A polyhistidine tract polymorphism in this gene may be associated with increased risk of neural tube defects. This gene is closely linked to a gene encoding zinc finger protein of the cerebellum 5, a related family member on chromosome 13. [provided by RefSeq]
Other Designations	OTTHUMP00000018633 Zic family member 2 (odd-paired Drosophila homolog) Zinc finger protein of the cerebellum 2 zinc finger protein of the cerebellum 2

Pathway

- [Hedgehog signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Neural Tube Defects](#)