

## ZIC3 rabbit monoclonal antibody

Catalog # H00007547-K      Size 100 ug x up to 3

### Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human ZIC3 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human ZIC3 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human ZIC3 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — ZIC3

Entrez GeneID	<a href="#">7547</a>
GeneBank Accession#	<a href="#">ZIC3</a>
Gene Name	ZIC3
Gene Alias	HTX, HTX1, ZNF203
Gene Description	Zic family member 3 (odd-paired homolog, Drosophila)
Omim ID	<a href="#">300265</a> <a href="#">306955</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a member of the ZIC family of C2H2-type zinc finger proteins. This nuclear protein probably functions as a transcription factor in early stages of left-right body axis formation. Mutations in this gene cause X-linked visceral heterotaxy, which includes congenital heart disease and left-right axis defects in organs. [provided by RefSeq]
Other Designations	OTTHUMP00000024142 heterotaxy 1 zinc finger protein of the cerebellum 3

## Disease

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