

ZIC3 (aa178-189) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3500a**Specification**

ZIC3 (aa178-189) Antibody (internal region) - Product Information

Application	IHC, E
Primary Accession	O60481
Other Accession	NP_003404.1 , 7547 , 22773 (mouse) , 367944 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	50569

ZIC3 (aa178-189) Antibody (internal region) - Additional Information**Gene ID** 7547**Other Names**

Zinc finger protein ZIC 3, Zinc finger protein 203, Zinc finger protein of the cerebellum 3, ZIC3, ZNF203

Dilution

IHC~~1:100~500

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ZIC3 (aa178-189) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

ZIC3 (aa178-189) Antibody (internal region) - Protein Information**Name** ZIC3**Synonyms** ZNF203

Function

Acts as a transcriptional activator. Required in the earliest stages in both axial midline development and left-right (LR) asymmetry specification. Binds to the minimal GLI-consensus sequence 5'-GGGTGGTC- 3'.

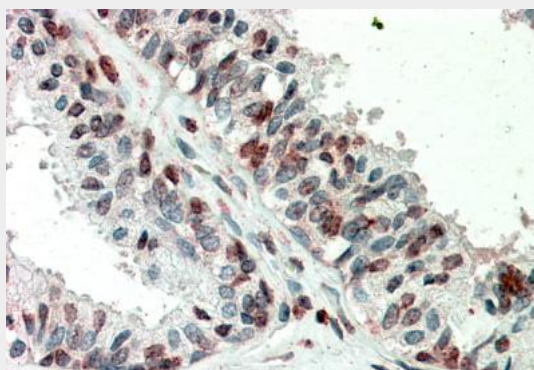
Cellular Location

Nucleus. Cytoplasm. Note=Localizes in the cytoplasm in presence of MDFIC overexpression (By similarity) Translocation to the nucleus requires KPNA1 or KPNA6.

ZIC3 (aa178-189) Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ZIC3 (aa178-189) Antibody (internal region) - Images

AF3500a (5 µg/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

ZIC3 (aa178-189) Antibody (internal region) - Background

This antibody is expected to NOT cross-react with other ZIC proteins.

ZIC3 (aa178-189) Antibody (internal region) - References

Functional and structural basis of the nuclear localization signal in the ZIC3 zinc finger domain. Hatayama M, Tomizawa T, Sakai-Kato K, Bouvagnet P, Kose S, Imamoto N, Yokoyama S, Utsunomiya-Tate N, Mikoshiba K, Kigawa T, Aruga J, Human molecular genetics 2008 Nov 17 (22): 3459-73. PMID: 18716025