

ZIC3 Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP2761a**Specification**

ZIC3 Antibody (N-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	O60481
Other Accession	O62521
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	50569
Antigen Region	4-32

ZIC3 Antibody (N-term) - 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

Target/Specificity

This ZIC3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 4-32 amino acids from the N-terminal region of human ZIC3.

Dilution

WB~~1:1000

IHC-P~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage

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

Precautions

ZIC3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ZIC3 Antibody (N-term) - 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'.

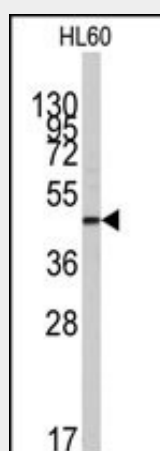
Cellular Location

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

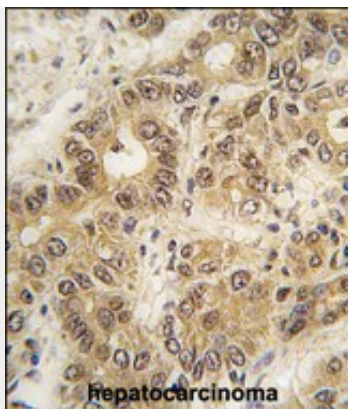
ZIC3 Antibody (N-term) - Protocols

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 Antibody (N-term) - Images

Western blot analysis of anti-ZIC3 Antibody (N-term) (Cat.#AP2761a) in HL60 cell line lysates (35ug/lane).ZIC3(arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with ZIC3 antibody (N-term) (Cat.#AP2761a), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

ZIC3 Antibody (N-term) - Background

ZIC3 is 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 the gene encoding ZIC3 cause X-linked visceral heterotaxy, which includes congenital heart disease and left-right axis defects in organs.

ZIC3 Antibody (N-term) - References

- Zhu,L., Hum. Mutat. 29 (1), 99-105 (2008)
- Zhu,L., Hum. Mol. Genet. 16 (14), 1649-1660 (2007)
- Bedard,J.E., Hum. Mol. Genet. 16 (2), 187-198 (2007)