

WIZ Antibody

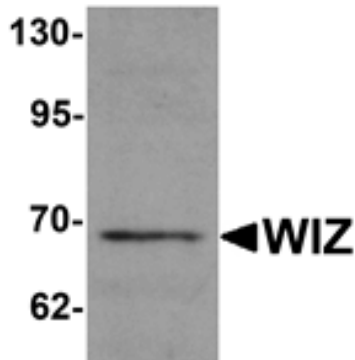
Catalog No: #25241

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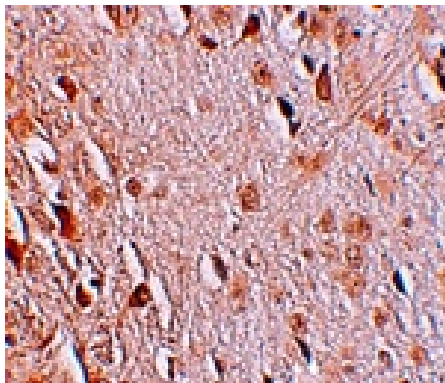
Description

Product Name	WIZ Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	E WB IHC
Species Reactivity	Hu Ms Rt
Specificity	At least four isoforms of WIZ are known to exist; this antibody will detect all four.
Immunogen Type	Peptide
Immunogen Description	Raised against a 17 amino acid peptide near the carboxy terminus of human TFF3.
Target Name	WIZ
Other Names	Widely interspaced zinc finger motifs, ZNF803
Accession No.	AAI44333
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Images



Western blot analysis of WIZ in rat lung tissue lysate with WIZ antibody at 1 ug/mL.



Immunohistochemistry of WIZ in human brain tissue with WIZ antibody at 2.5 ug/mL.

Background

WIZ, also known as ZNF803, was initially identified in a mouse cerebellum cDNA library screen and its message was found to be expressed in the granule cell layers of the cerebellum as well as in the dentate gyrus and olfactory bulb. Later analysis indicates however that WIZ is ubiquitously expressed. WIZ is a nuclear protein that co-localizes with G9a, a histone methyltransferase responsible for mono- and dimethylation of H3K9 at euchromatic regions. WIZ can also associate with CtBP family proteins, known to be transcriptional co-repressors, and has been suggested to link G9a/GLP complexes to the CtBP co-repressor machinery, possibly regulating complex stability and gene silencing.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.