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ZNF503 Rabbit pAb

Catalog # AP98615

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q96F45
Other Accession	Q96F45
Reactivity	Mouse
Predicted	Rat, Pig, Human, Chicken, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62555
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZNF503/NOLZ1
Epitope Specificity	41-140/646
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the Elbow/Noc family. Contains 1 C2H2-type zinc finger.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Nolz 1 is a 646 amino acid nuclear protein that is thought to function as a transcriptional repressor and is highly expressed in developing striatum. Additionally, Nolz-1 has been suggested to play a role in neural differentiation. A member of the Elbow/Noc family, Nolz-1 exists as three alternatively spliced isoforms and contains one C2H2-type zinc finger. The gene encoding Nolz-1 maps to human chromosome 10, which makes up approximately 4.5% of total DNA in cells and encodes nearly 1,200 genes. Several protein-coding genes, including those that encode for chemokines, cadherins, excision repair proteins, early growth response factors (Egrs) and fibroblast growth receptors (FGFRs), are located on chromosome 10. Defects in some of the genes that map to chromosome 10 are associated with Charcot-Marie Tooth disease, Jackson-Weiss syndrome, Usher syndrome, nonsyndromatic deafness, Wolman's syndrome, Cowden syndrome, multiple endocrine neoplasia type 2 and porphyria.

Additional Information

Gene ID	84858
Other Names	NOLZ-1; NOLZ1; Nlz2; B830002A16Rik; Znf503; Zpo2; ZN503_HUMAN; ZN503_MOUSE; Zinc finger protein Nolz-1; Zfp503; zinc finger protein 503; zinc-finger elbow-related proline domain protein 2; NocA-like zinc finger 2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When

reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	ZNF503
Synonyms	NOLZ1
Function	May function as a transcriptional repressor.
Cellular Location	Nucleus.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.