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Datasheet for ABIN1709945
anti-ZNF503 antibody (AA 41-140) (FITC)

Overview

Quantity:	100 µL
Target:	ZNF503
Binding Specificity:	AA 41-140
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZNF503 antibody is conjugated to FITC
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ZNF503/NOLZ1
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Pig,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	ZNF503
Alternative Name:	ZNF503/NOLZ1 (ZNF503 Products)

Target Details

Background: Synonyms: FLJ45745, MGC2555, NOLZ 1, NOLZ1, Zinc finger protein 503, ZN503_HUMAN, znf503.

Background: 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, nonsyndromic deafness, Wolman's syndrome, Cowden syndrome, multiple endocrine neoplasia type 2 and porphyria.

Gene ID: 84858

UniProt: [Q96F45](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Handling

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months