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Datasheet for ABIN6991851 **anti-ANKRD15 antibody (N-Term)**

Overview

Quantity:	0.1 mg
Target:	ANKRD15
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ANKRD15 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KANK1 antibody was raised against a 19 amino acid peptide near the amino terminus of human KANK1 . The immunogen is located within the first 50 amino acids of KANK1.
Isotype:	IgG
Specificity:	Two alternatively spliced transcript variants encoding different isoforms have been identified. The lower molecular weight band seen in the immunoblot is thought to be non-specific.
Purification:	KANK1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	ANKRD15
Alternative Name:	KANK1 (ANKRD15 Products)

Target Details

Background:	KANK1 Antibody: Ankyrins are membrane adaptor molecules that play important roles in the control of cytoskeleton formation by regulating actin polymerization. KANK1 (KN motif and ankyrin repeat domain-containing protein 1), also known as ANKRD15, is a 1,352 amino acid protein that contains at least 12 exons and 5 ANK repeats. It binds to beta-catenin and regulates its subcellular distribution. KANK1 is ubiquitously expressed and localizes to cytoplasm. It may function as a tumor suppressor for renal cell carcinoma. Mutations in this gene cause cerebral palsy spastic quadriplegic type 2, a central nervous system development disorder.
Molecular Weight:	Predicted: 149 kDa Observed: 150 kDa
Gene ID:	23189
NCBI Accession:	NP_055973
UniProt:	Q14678
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	KANK1 Antibody can be used for detection of KANK1 by Western blot at 1 µg/mL. Antibody validated: Western Blot in mouse samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	KANK1 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C

Handling

Storage Comment: KANK1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.