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Datasheet for ABIN6991853 **anti-KANK3 antibody (N-Term)**

Overview

Quantity:	0.1 mg
Target:	KANK3
Binding Specificity:	AA 50-100, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KANK3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KANK3 antibody was raised against an 18 amino acid peptide near the amino terminus of human KANK3 . The immunogen is located within amino acids 50 - 100 of KANK3.
Isotype:	IgG
Specificity:	Two alternatively spliced transcript variants encoding different isoforms have been identified.
Purification:	KANK3 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	KANK3
Alternative Name:	KANK3 (KANK3 Products)
Background:	KANK3 Antibody: Ankyrins are membrane adaptor molecules that play important roles in the

Target Details

control of cytoskeleton formation by regulating actin polymerization. Like other members of the KANK family, KANK3 (KN motif and ankyrin repeat domain-containing protein 3), is thought to play a role in the formation of actin stress fibers. In zebrafish, the homolog of KANK3 interacts with the adaptor protein Numb, a protein implicated in multiple basic cellular processes, and is essential for epidermal integrity and neurulation, suggesting that KANK3 may play a similar role in higher organisms.

Molecular Weight: Predicted: 90 kDa
Observed: 100 kDa

Gene ID: 256949

NCBI Accession: [NP_940873](#)

UniProt: [Q6NY19](#)

Application Details

Application Notes: KANK3 Antibody can be used for detection of KANK3 by Western blot starting at 1 µg/mL.

Antibody validated: Western Blot in human samples and Immunohistochemistry in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: KANK3 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

Storage Comment: KANK3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.