

Rabbit anti-Human, Mouse KANK3 Polyclonal Antibody | anti-KANK3 antibody

KANK3 Antibody

CATALOG # AAA40661	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
------------------------------	-----------------------	-----------------------------------	--

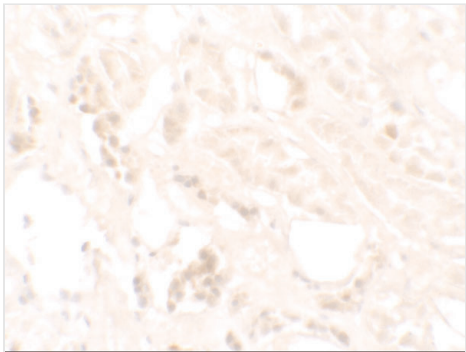
PRODUCT SYNONYMS

KANK3; Polyclonal Antibody; KANK3 Antibody; ANKRD47; KN motif and ankyrin repeat domain-containing protein 3; Ankyrin repeat domain-containing protein 47; KN motif and ankyrin repeat domains 3; anti-KANK3 antibody

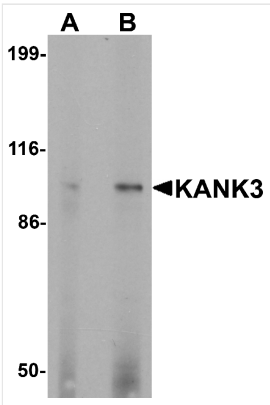
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Two alternatively spliced transcript variants encoding different isoforms have been identified.
Purity/Purification	KANK3 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	821
Applicable Applications for anti-KANK3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	KANK3 antibody was raised against an 18 amino acid peptide near the amino terminus of human KANK3.
Buffer	KANK3 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	KANK3 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of KANK3 in human kidney tissue with KANK3 antibody at 2.5 μg/ml.



WB (Western Blot)
Western blot analysis of KANK3 in A431 cell lysate with KANK3 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-KANK3 antibody	KANK3 Antibody: Ankyrins are membrane adaptor molecules that play important roles in the 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.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	157504499
NCBI GeneID	256949
NCBI Accession #	NP_940873
NCBI GenBank Nucleotide #	NM_198471.2
UniProt Accession #	Q6NY19; Q6NZI1; Q6ZQR3; Q8IUV2
Molecular Weight	Predicted: 90 kDa Observed: 100 kDa
NCBI Official Full Name	KN motif and ankyrin repeat domain-containing protein 3
NCBI Official Synonym Full Names	KN motif and ankyrin repeat domains 3
NCBI Official Symbol	KANK3
NCBI Official Synonym Symbols	ANKRD47
NCBI Protein Information	KN motif and ankyrin repeat domain-containing protein 3; ankyrin repeat domain 47; kidney ankyrin repeat-containing protein 3; ankyrin repeat domain-containing protein 47
UniProt Protein Name	KN motif and ankyrin repeat domain-containing protein 3
UniProt Gene Name	KANK3
UniProt Synonym Gene Names	ANKRD47
UniProt Entry Name	KANK3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/kank3-antibody-immunohistochemistry-western-blot-elisa/40661>