

Rabbit KANK2 Polyclonal Antibody | anti-KANK2 antibody

KANK2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40586	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

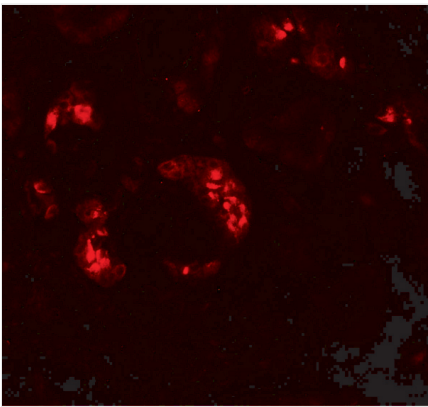
PRODUCT SYNONYMS

KANK2; Polyclonal Antibody; KANK2 Antibody; SIP; MXRA3; ANKRD25; KIAA1518; KN motif and ankyrin repeat domain-containing protein 2; Ankyrin repeat domain-containing protein 25; KN motif and ankyrin repeat domains 2; anti-KANK2 antibody

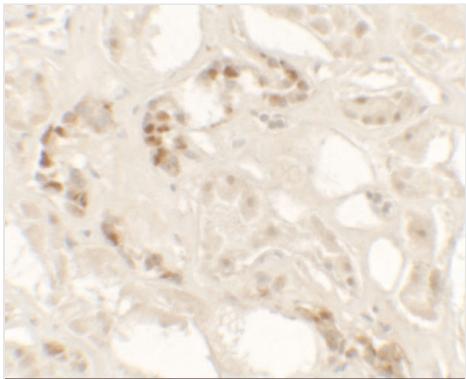
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Two alternatively spliced transcript variants encoding different isoforms have been identified.
Purity/Purification	KANK2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	859
Applicable Applications for anti-KANK2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	KANK2 antibody was raised against a 16 amino acid peptide near the carboxy terminus of human KANK2.
Buffer	KANK2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	KANK2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

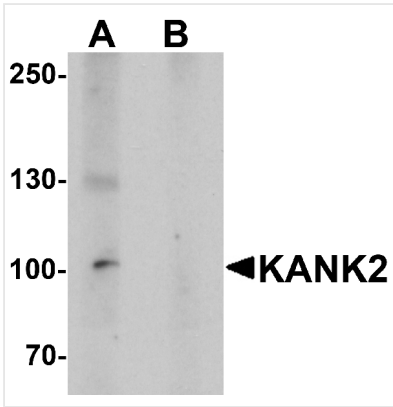
IMAGES



IF (Immunofluorescence)
Immunofluorescence of KANK2 in human kidney tissue with KANK2 antibody at 20 μ g/ml.



IHC (Immunohistochemistry)
Immunohistochemistry of KANK2 in human kidney tissue with KANK2 antibody at 2.5 μ g/ml.



WB (Western Blot)
Western blot analysis of KANK2 in mouse brain tissue lysate with KANK2 antibody at 1 μ g/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-KANK2 antibody	KANK2 Antibody: Ankyrins are membrane adaptor molecules that play important roles in the control of cytoskeleton formation by regulating actin polymerization. KANK2 (KN motif and ankyrin repeat domain-containing protein 2), was initially identified as a steroid receptor coactivator (SRC) interacting protein (SIP) that could sequester steroid receptor coactivators in the cytoplasm. More recent experiments have shown that while KANK2 is widely expressed, in kidney podocytes, KANK2 localizes to foot processes, suggesting that KANK2 may contribute to controlling actin dynamics in podocyte foot processes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	258613875
NCBI GeneID	25959
NCBI Accession #	NP_056308
NCBI GenBank Nucleotide #	NM_015493.6
UniProt Accession #	Q63ZY3; Q3KQZ3; Q6GUF5; Q9H8S4; Q9NUP0; Q9P210; B0I1P4
Molecular Weight	Predicted: 95 kDa Observed: 102 kDa
NCBI Official Full Name	KN motif and ankyrin repeat domain-containing protein 2 isoform 1

NCBI Official Synonym Full Names	KN motif and ankyrin repeat domains 2
NCBI Official Symbol	KANK2
NCBI Official Synonym Symbols	SIP; MXRA3; PPKWH; ANKRD25
NCBI Protein Information	KN motif and ankyrin repeat domain-containing protein 2; SRC-interacting protein; SRC1-interacting protein; ankyrin repeat domain 25; SRC-1 interacting protein; SRC-1-interacting protein; matrix-remodelling associated 3; matrix-remodeling-associated protein 3; kidney ankyrin repeat-containing protein 2; ankyrin repeat domain-containing protein 25
UniProt Protein Name	KN motif and ankyrin repeat domain-containing protein 2
UniProt Gene Name	KANK2
UniProt Synonym Gene Names	ANKRD25; KIAA1518; MXRA3; SIP; SIP; SRC-interacting protein; SRC1-interacting protein
UniProt Entry Name	KANK2_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/kank2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40586>