

Rabbit anti-Human, Mouse NKIRAS1 Polyclonal Antibody | anti-NKIRAS1 antibody

NKIRAS1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327782	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

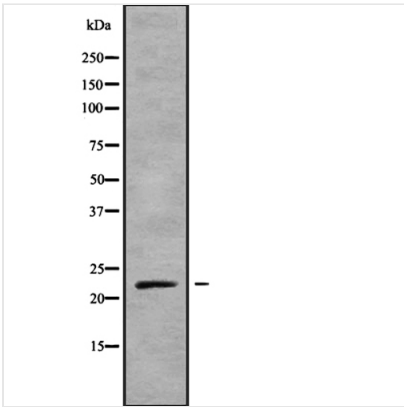
PRODUCT SYNONYMS

NKIRAS1; Polyclonal Antibody; NKIRAS1 Antibody; 2400004O09Rik; I kappa B interacting Ras like protein 1; I-kappa-B-interacting Ras-like protein 1; Kappa B Ras 1; Kappa B Ras protein 1; Kappa B-Ras protein 1; KappaB Ras1; KappaB-Ras1; KBRAS 1; KBRAS1; KBRAS1_HUMAN; NF kappa B inhibitor interacting Ras like protein 1; NF-kappa-B inhibitor-interacting Ras-like protein 1; NFkB inhibitor interacting Ras like 1; NFkB inhibitor interacting Ras like protein 1; NKIRAS 1; nkiras1; anti-NKIRAS1 antibody

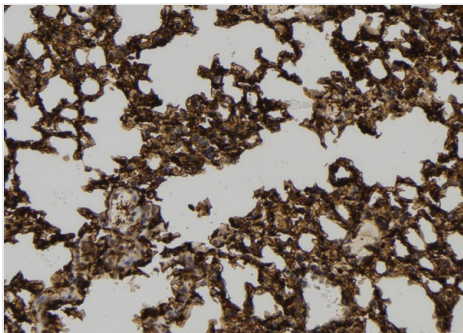
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	NKIRAS1 antibody detects endogenous levels of total NKIRAS1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	192
Applicable Applications for anti-NKIRAS1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NKIRAS1
Subcellular Location	Cytoplasm.
Tissue Specificity	Widely expressed.
Predicted Cross Reactivity	Pig, Zebrafish, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (83%), Horse (100%), Sheep (92%), Rabbit (92%), Dog (100%), Chicken (83%), Xenopus (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis NKIRAS1 using mouse liver lysates



IHC (Immunohistochemistry)
AAA327782 at 1/100 staining Mouse lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-NKIRAS1 antibody	Function: Atypical Ras-like protein that acts as a potent regulator of NF-kappa-B activity by preventing the degradation of NF-kappa-B inhibitor beta (NFKBIB) by most signals, explaining why NFKBIB is more resistant to degradation. May act by blocking phosphorylation of NFKBIB and mediating cytoplasmic retention of p65/RELA NF-kappa-B subunit. It is unclear whether it acts as a GTPase. Both GTP- and GDP-bound forms block phosphorylation of NFKBIB. Subunit Structure: Interacts with both NF-kappa-B inhibitor alpha (NFKBIA) and beta (NFKBIB) in vitro. However, it probably only interacts with NFKBIB in vivo. Forms a complex with NFKBIB and NF-kappa-B heterodimer (p50/NFKB1 and p65/RELA). Also interacts with c-Rel (REL). Similarity: In contrast to other members of the Ras family, the members of the KappaB-Ras subfamily do not contain the conserved Gly and Gln residues in positions 13 and 65, which are replaced by Leu residues, and are therefore similar to the constitutively active forms of oncogenic forms of Ras. This suggests that members of this family are clearly different from other small GTPase proteins. Belongs to the small GTPase superfamily. Ras family. KappaB-Ras subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9966809
NCBI GeneID	28512
NCBI Accession #	NP_065078.1
NCBI GenBank Nucleotide #	NM_020345.3
UniProt Accession #	Q9NYS0; Q96K18
Molecular Weight	Observed: 22 kDa Predicted: 22 kDa
NCBI Official Full Name	NF-kappa-B inhibitor-interacting Ras-like protein 1
NCBI Official Synonym Full Names	NFKB inhibitor interacting Ras like 1
NCBI Official Symbol	NKIRAS1
NCBI Official Synonym Symbols	KBRAS1; kappaB-Ras1
NCBI Protein Information	NF-kappa-B inhibitor-interacting Ras-like protein 1
UniProt Protein Name	NF-kappa-B inhibitor-interacting Ras-like protein 1
UniProt Gene Name	NKIRAS1
UniProt Synonym Gene Names	KBRAS1; Kappa B-Ras protein 1; KappaB-Ras1

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://stage.aaabiotech.com/polyclonal/nkiras1-antibody-immunohistochemistry-western-blot-elisa/327782>