

Rabbit anti-Human, Mouse NKIRAS2 Polyclonal Antibody | anti-NKIRAS2 antibody

NKIRAS2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323498	Rabbit	Human, Mouse	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

NKIRAS2; Polyclonal Antibody; NKIRAS2 Antibody; DKFZP434N1526; I kappa B interacting Ras like protein 2; I-kappa-B-interacting Ras-like protein 2; Kappa B Ras protein 2; Kappa B-Ras protein 2; KappaB Ras2; KappaB-Ras2; KBRAS 2; KBRAS2; KBRAS2_HUMAN; MGC74742; NF kappa B inhibitor interacting Ras like protein 2; NF-kappa-B inhibitor-interacting Ras-like protein 2; NFKB inhibitor interacting Ras like 2; NFKB inhibitor interacting Ras like protein 2; NKIRAS 2; anti-NKIRAS2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	~1mg/ml (varies by lot)
Sequence Length	191
Applicable Applications for anti-NKIRAS2 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NKIRAS2, corresponding to a region within C-terminal amino acids
Preparation and Storage	Store at -20 °C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA323498 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab. The nuclear counter stain is DAPI(blue).



IHC (Immunohistochemistry)

AAA323498 at 1/100 staining mouse liver 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 primary Ab at 4°C overnight. An HRP conjugated anti-rabbit Ab was used as the secondary Ab.



WB (Western Blot)

Western blot analysis of NKIRAS2 expression in A549 whole cell lysate, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-NKIRAS2 antibody	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 nuclear localization 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
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	47777758
NCBI GeneID	28511
NCBI Accession #	NP_001001349.1
NCBI GenBank Nucleotide #	NM_001001349.2
UniProt Accession #	Q9NYR9; Q6PK52; Q96KC7; Q9NSX1; A6NCZ5; B3KNN0; B4DNM3
Molecular Weight	22 kDa
NCBI Official Full Name	NF-kappa-B inhibitor-interacting Ras-like protein 2 isoform a
NCBI Official Synonym Full Names	NFKB inhibitor interacting Ras like 2
NCBI Official Symbol	NKIRAS2
NCBI Official Synonym Symbols	KBRAS2; kappaB-Ras2
NCBI Protein Information	NF-kappa-B inhibitor-interacting Ras-like protein 2
UniProt Protein Name	NF-kappa-B inhibitor-interacting Ras-like protein 2
UniProt Gene Name	NKIRAS2
UniProt Synonym Gene Names	KBRAS2; Kappa B-Ras protein 2; KappaB-Ras2

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://stage.aaabiotech.com/polyclonal/nkiras2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/323498>