

**NKIRAS1 Antibody (aa96-113, clone 184C278)**  
**Mouse Monoclonal Antibody**  
**Catalog # ALS12038**

**Specification**

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**NKIRAS1 Antibody (aa96-113, clone 184C278) - Product Information**

Application	IHC
Primary Accession	<a href="#">Q9NYS0</a>
Reactivity	Human, Mouse, Rat, Rabbit, Hamster, Monkey, Goat, Horse, Dog
Host	Mouse
Clonality	Monoclonal
Calculated MW	22kDa KDa

**NKIRAS1 Antibody (aa96-113, clone 184C278) - Additional Information**

**Gene ID** 28512

**Other Names**

NF-kappa-B inhibitor-interacting Ras-like protein 1, I-kappa-B-interacting Ras-like protein 1, Kappa B-Ras protein 1, KappaB-Ras1, NKIRAS1, KBRAS1

**Target/Specificity**

A synthetic peptide containing amino acid residues 96-113 of human kB-Ras1.

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

**Precautions**

NKIRAS1 Antibody (aa96-113, clone 184C278) is for research use only and not for use in diagnostic or therapeutic procedures.

**NKIRAS1 Antibody (aa96-113, clone 184C278) - Protein Information**

**Name** NKIRAS1

**Synonyms** KBRAS1

**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.

**Cellular Location**

Cytoplasm.

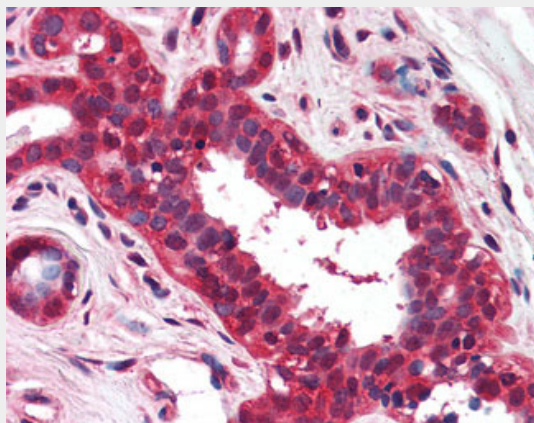
**Tissue Location**

Widely expressed..

**NKIRAS1 Antibody (aa96-113, clone 184C278) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**NKIRAS1 Antibody (aa96-113, clone 184C278) - Images**

Anti-NKIRAS1 antibody IHC of human breast.

**NKIRAS1 Antibody (aa96-113, clone 184C278) - Background**

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.

**NKIRAS1 Antibody (aa96-113, clone 184C278) - References**

Fenwick C.,et al.Science 287:869-873(2000).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Chen Y.,et al.J. Biol. Chem. 278:23101-23106(2003).  
Chen Y.,et al.Mol. Cell. Biol. 24:3048-3056(2004).