

NKIRAS2 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16523c

Specification

NKIRAS2 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O9NYR9
Other Accession	O32NS2 , O9CR56 , O5ZJW6 , NP_060065.2
Reactivity	Human
Predicted	Chicken, Mouse, Xenopus
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	21508
Antigen Region	36-64

NKIRAS2 Antibody (Center) - Additional Information

Gene ID 28511

Other Names

NF-kappa-B inhibitor-interacting Ras-like protein 2, I-kappa-B-interacting Ras-like protein 2, Kappa B-Ras protein 2, KappaB-Ras2, NKIRAS2, KBRAS2

Target/Specificity

This NKIRAS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 36-64 amino acids from the Central region of human NKIRAS2.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NKIRAS2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

NKIRAS2 Antibody (Center) - Protein Information

Name NKIRAS2

Synonyms KBRAS2

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 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 (By similarity).

Cellular Location

Cytoplasm.

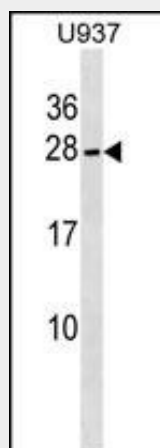
Tissue Location

Widely expressed..

NKIRAS2 Antibody (Center) - 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](#)

NKIRAS2 Antibody (Center) - Images

NKIRAS2 Antibody (Center) (Cat. #AP16523c) western blot analysis in U937 cell line lysates (35ug/lane). This demonstrates the NKIRAS2 antibody detected the NKIRAS2 protein (arrow).

NKIRAS2 Antibody (Center) - 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 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 (By similarity).

NKIRAS2 Antibody (Center) - References

Tago, K., et al. J. Biol. Chem. 285(40):30622-30633(2010)
Dieguez-Gonzalez, R., et al. Ann. Rheum. Dis. 68(4):579-583(2009)
Fenwick, C., et al. Science 287(5454):869-873(2000)