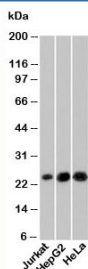


NKIRAS1 Antibody [clone NRAS285] (N1127)

Catalog No.	Formulation	Size
N1127-100UG	0.5 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
N1127-25UG	0.5 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	25 ug

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Species Reactivity	Human, Mouse, Rat
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	NRAS285
Purity	Protein G purified antibody
Buffer	1X PBS, pH 7.4
UniProt	Q9NYS0
Gene ID	28512
Applications	Western Blot : 5-10ug/ml
Limitations	This NKIRAS1 antibody is available for research use only.



Western blot testing of human samples with NKIRAS1 antibody at 6ug/ml.

Description

NKIRAS1 is part of the Ras family and GTPase superfamily of proteins. Unlike other family members which have a glycine and glutamine residue at positions 13 and 65, NKIRAS1 (and 2) has leucines in these positions.

NKIRAS1 is a regulator of NF- κ B activity via its inhibition of I κ B (NFKBIB) degradation. I κ B complexes with NF- κ B, preventing nuclear translocation and subsequent signaling. By preventing or reducing I κ B degradation, NKIRAS1 blocks

NF-kB signaling activity.

Application Notes

Provided assay concentrations are suggestions only, NKIRAS1 antibody titration may be required for optimal results.

Immunogen

A recombinant protein fragment from the central region of NKIRAS1 was used as the immunogen for this antibody.

Storage

Aliquot the NKIRAS1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Alternate Names

kB-Ras1, I-kappa-B-interacting Ras-like Protein 1, NFkB inhibitor interacting Ras-like 1, KappaB-ras1