

KBRAS2 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A16609	Rabbit	1 mg/ml	

Applications	WB,ELISA
Reactivity	Human,Mouse
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Storage	-20°C/1 year
Specificity	KBRAS2 Polyclonal Antibody detects endogenous levels of protein.
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Immunogen	Synthesized peptide derived from part region of human protein
Uniprot No	Q9NYR9
Alternative names	
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Clonality	Polyclonal
Isotype	IgG
Conjugation	
Background	<p>domain: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 Ala and Leu residues, respectively, 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 GTPases proteins.,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.,sequence caution:Absence of residues from position 133 within an exon that change the frame which is not the result of an alternative splicing.,similarity:Belongs to the small GTPase superfamily. Ras family. KappaB-Ras subfamily.,subunit:Interacts with both NF-kappa-B inhibitor alpha (NFKBIA) and beta (NFKBIB) in vitro. However, it probably only interacts with NFKBIB in vivo.,tissue specificity:Widely expressed.,</p>

Other	NKIRAS2 KBRAS2, NF-kappa-B inhibitor-interacting Ras-like protein 2 (I-kappa-B-interacting Ras-like protein 2) (Kappa B-Ras protein 2) (KappaB-Ras2)
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Product Images:**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All
Species Expected

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