

KBR2 Polyclonal Antibody

Cat No: HR1AP11864

For research use only

Overview

Product Name	KBR2 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Mouse
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	21kDa
GeneID?Human?	NKIRAS2 KBRAS2
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	
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>