



KBRS1 rabbit pAb

Cat No.:ES9262

For research use only

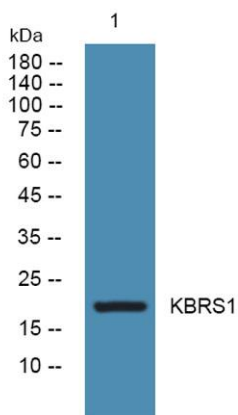
Overview

Product Name	KBRS1 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human protein . at AA range: 50-130
Specificity	KBRS1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	NF-kappa-B inhibitor-interacting Ras-like protein 1 (I-kappa-B-interacting Ras-like protein 1) (Kappa B-Ras protein 1) (KappaB-Ras1)
Gene Name	NKIRAS1 KBRAS1
Cellular localization	Cytoplasm .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	21kD
Human Gene ID	28512
Human Swiss-Prot Number	Q9NYSO
Alternative Names	
Background	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 Leu residues, 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 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.,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. Forms a complex with NFKBIB and NF-kappa-B heterodimer (p50/NFKB1 and p65/RELA). Also interacts with c-Rel (REL).,tissue specificity:Widely expressed.,



Western blot analysis of lysates from HCT116 cells, primary antibody was diluted at 1:1000, 4°over night

