

KBRS2 Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP10621

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen Synthesized peptide derived from part region of human protein

Mol wt N/A

Species reactivity Human, Mouse

Clonality Polyclonal

Recommended application WB, ELISA

Concentration 1 mg/m

Full name NF-kappa-B inhibitor-interacting Ras-like protein 2

Synonyms NF-kappa-B inhibitor-interacting Ras-like protein 2 ;1-kappa-B-interacting Ras-like protein 2;Kappa B-Ras

protein 2;KappaB-Ras2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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., Atypical Raslike 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 Absence of residues from position 133 within an exon that change the frame which is not the result of an alternative splicing., 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.,

Recommended Dilution

WB: 1: 500 - 1: 2000 ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

kDa 1 180 -- 140

Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year

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