
KappaB ras1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253405

Unit: 0.1 mg

Description:

KappaB ras-1 (kappaB-ras-1) and kappaB-ras-2 are two small proteins that similar to Ras-like small GTPases that associate with IkappaB (IkappaB), an inhibitor of the transcription factor NF-kappaB. IkappaB exists in two homologous forms, IkappaB-alpha and IkappaB-beta, although IkappaB-beta contains a unique 47-amino acid region within its ankyrin domain. While inactive IkappaB-alpha-NF-kappaB complexes can shuttle in and out of the nucleus, IkappaB-beta-NF-kappaB complexes are retained exclusively in the cytoplasm. It is suggested that kappaB-ras proteins preferentially bind to the IkappaB-beta form through this unique insert within the ankyrin region, thus modulating the cellular location of IkappaB-beta and regulating the rate of degradation of IkappaB-beta. This antibody is specific for kappaB-ras1 and has no cross-reactivity to kappaB-ras2.

Isotype: Rabbit Ig

Applications: E, WB, ICC

Species Reactivity: H, M

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: KappaB ras1; NF-kappaB inhibitor-interacting Ras like protein 1; kappaB-ras1; NKIRAS1

Accession No.: AAF34998

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human KappaB ras1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; ICC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.