

Datasheet for ABIN500110
anti-NKIRAS1 antibody (Center)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	NKIRAS1
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KappaB ras antibody was raised against a 18 amino acid peptide from near the center of human KappaB ras 1.
Isotype:	IgG
Specificity:	This antibody detects both kappaB-ras1 and kappaB-ras2.
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse, rat
Purification:	Peptide affinity chromatography

Target Details

Target:	NKIRAS1
Alternative Name:	NKIRAS1 (NKIRAS1 Products)

Target Details

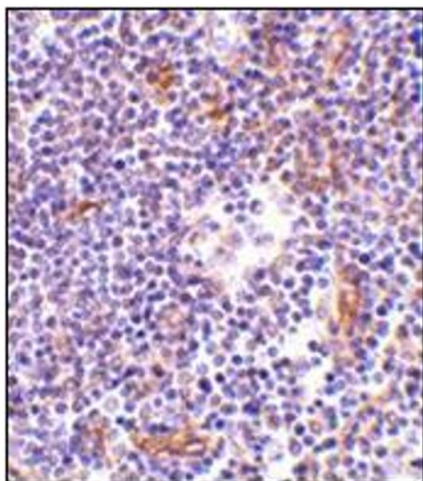
Background:	KappaB ras-1 (kappaB-ras-1) and kappaB-ras-2 are two small proteins that similar to Ras-like small GTPases that associate with IkappaB (IkappaB), an inhibitor of the transcription factor NF-kappaB. IkappaB exists in two homologous forms, IkappaB-alpha and IkappaB-beta, although IkappaB-beta 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.Synonyms: KBRAS1, NF-kappa-B inhibitor-interacting Ras-like protein 1
Gene ID:	28512
UniProt:	Q9NYS0

Application Details

Application Notes:	ELISA. Western blot: 2 - 4 µg/mL. Immunohistochemistry on paraffin sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

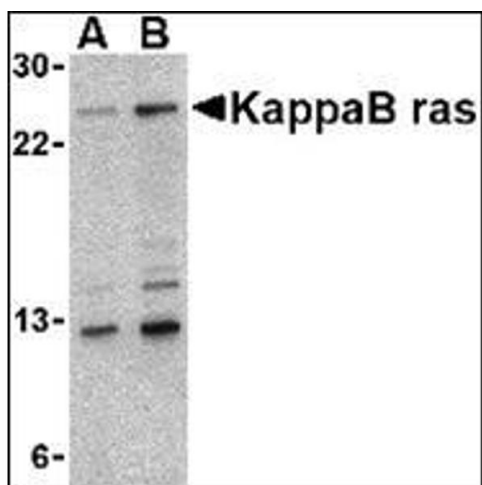
Handling

Buffer:	PBS containing 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of KappaB ras in human lymph node tissue with this product at 1 µg/ml.



Western Blotting

Image 2. Western blot analysis of KappaB ras in 293 cell lysate with this product at (A) 2 and (B) 4 µg/ml.