



Product datasheet

Anti-NKIRAS1 antibody [ABM17B5] ab228443

1 Image

Overview

Product name	Anti-NKIRAS1 antibody [ABM17B5]
Description	Mouse monoclonal [ABM17B5] to NKIRAS1
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	<p>Recombinant fragment corresponding to Human NKIRAS1 aa 90-180. Sequence:</p> <p>NLESFQRVELLKKEIDKFKDKKEVAIVVLGNKIDLSEQRQV DAEVAQQWA KSEKVRLEWVTVDRKTLIEPFTLLASKLSQPQSKSSFPL P</p> <p>Database link: Q9NYS0</p> <p style="text-align: right;">  Run BLAST with  Run BLAST with </p>
Positive control	WB: Jurkat, HepG2 and HeLa cell lysates.
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as</p>

customer reviews and Q&As.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.05% Sodium azide Constituents: PBS, 0.05% BSA
Purity	Protein G purified
Clonality	Monoclonal
Clone number	ABM17B5
Isotype	IgG1
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab228443** in the following tested applications.

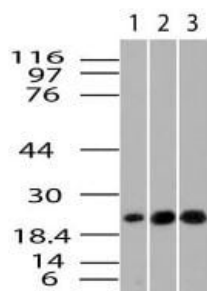
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 6 - 8 µg/ml. Predicted molecular weight: 22 kDa.

Target

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.
Tissue specificity	Widely expressed.
Sequence similarities	Belongs to the small GTPase superfamily. Ras family. KappaB-Ras subfamily.
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.
Cellular localization	Cytoplasm.

Images



Western blot - Anti-NKIRAS1 antibody [ABM17B5] (ab228443)

All lanes : Anti-NKIRAS1 antibody [ABM17B5] (ab228443) at 6 µg/ml

Lane 1 : Jurkat (human T cell leukemia cell line from peripheral blood) cell lysate

Lane 2 : HepG2 (human liver hepatocellular carcinoma cell line) cell lysate

Lane 3 : HeLa (human epithelial cell line from cervix adenocarcinoma) cell lysate

Predicted band size: 22 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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