Product datasheet

Anti-KRAS/HRAS/NRAS Antibody (Clone#EBE-14)

Catalog Number: *BM4388*

BOSTER
antibody and ELISA experts
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Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
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Basic Information

Product Name	Anti-KRAS/HRAS/NRAS Antibody (Clone#EBE-14)
Gene Name	KRAS/HRAS/NRAS
Source	Rabbit
Clonality	Monoclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, ICC/IF, IP, FCM
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.
Immunogen	A synthesized peptide derived from human KRAS+HRAS+NRAS
Concentration	500 ug/ml
Purification	Affinity-chromatography
Observed MW	21 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Immunocytochemistry/Immunofluorescence (ICC/IF):1:50-200 ImmunoPrecipitation (IP): 1:20 Flow Cytometry (FCM): 1:20

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

This gene, a Kirsten ras oncogene homolog from the mammalian ras gene family, encodes a protein that is a member of the small GTPase superfamily. A single amino acid substitution is responsible for an activating mutation. The transforming protein that results is implicated in various malignancies, including lung adenocarcinoma, mucinous adenoma, ductal carcinoma of the pancreas and colorectal carcinoma. Alternative splicing leads to variants encoding two isoforms that differ in the C-terminal region. [provided by RefSeq, Jul 2008]

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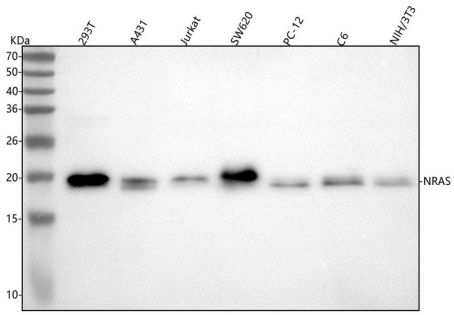
Reference

Anti-KRAS/HRAS/NRAS Antibody (Clone#EBE-14)被引用在6文献中。

Selected Validation Data



Western blot analysis of anti-KRAS/HRAS/NRAS antibody (BM4388). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: human 293T whole cell lysates,
Lane 2: human A431 whole cell lysates,
Lane 3: human Jurkat whole cell lysates,
Lane 4: human SW620 whole cell lysates,
Lane 5: rat PC-12 whole cell lysates,
Lane 6: rat C6 whole cell lysates,
Lane 7: mouse NIH/3T3 whole cell lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-KRAS/HRAS/NRAS antigen affinity purified monoclonal antibody (BM4388) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for KRAS/HRAS/NRAS at approximately 21 kDa. The expected band size for KRAS/HRAS/NRAS is at 21 kDa.

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