

Rabbit KRAS Polyclonal Antibody | anti-KRAS antibody

KRAS Antibody

CATALOG # AAA166376	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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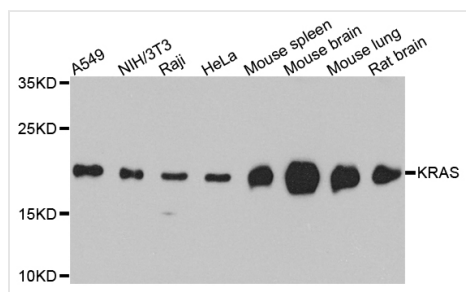
PRODUCT SYNONYMS

KRAS; Polyclonal Antibody; KRAS Antibody; C-K-RAS; K-RAS2A; K-RAS2B; K-RAS4A; K-RAS4B; KI-RAS; KRAS1; KRAS2; NS3; RASK2; anti-KRAS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	62
Applicable Applications for anti-KRAS antibody	IHC (Immunohistochemistry), WB (Western Blot)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-522 / sc-521
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of extract of various cells, using KRAS antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-KRAS antibody

Background/Introduction: The 21 kDa guanine-nucleotide binding proteins (K-Ras, H-Ras, and N-Ras) cycle between active (GTP-bound) and inactive (GDP-bound) forms (1). Receptor tyrosine kinases and G protein-coupled receptors activate Ras, which then stimulates the Raf-MEK-MAPK pathway (2-4). GTPase-activating proteins (GAP) normally facilitate the inactivation of Ras. However, research studies have shown that in 30% of human tumors, point mutations in Ras prevent the GAP-mediated inhibition of this pathway (5). The most common oncogenic Ras mutation found in tumors is Gly12 to Asp12 (G12D), which prevents Ras inactivation, possibly by increasing the overall rigidity of the protein (5,6).

NCBI AND UNIPROT INFORMATION

NCBI GI #	649152719
NCBI Official Full Name	KRAS, partial

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/kras-antibody-immunohistochemistry-western-blot-elisa/166376>