

Rabbit GTPase Kras Polyclonal Antibody | anti-GTPas antibody

GTPase Kras Polyclonal Antibody

CATALOG # AAA178658	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

GTPase Kras; Polyclonal Antibody; GTPase Kras Polyclonal Antibody; KRAS; KRAS2; RASK2; K-Ras 2; Ki-Ras; c-K-ras; c-Ki-ras; anti-GTPas antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.02% sodium azide,50% glycerol,pH 7.4
Concentration	2.5mg/ml (varies by lot)
Applicable Applications for anti-GTPas antibody	WB (Western Blot)
Immunogen	Recombinant Human KRAS protein expressed by E coli.
Research Area	Cancer, Epigenetics and Nuclear Signaling, Signal Transduction
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blotting with anti-KRAS polyclonal Antibody at dilution of 1:1000. Lane 1: Rat heart lysates, lane 2:Rat skeletal muscle lysate.


WB (Western Blot)

Western blotting with anti-KRAS polyclonal Antibody at dilution of 1:1000. Lane 1: HeLa cell lysates, lane 2: Mouse heart lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-GTPas antibody	KRAS,also called p21,is member of the Ras superfamily of proteins. It is located on human chromosome 12,and contains four coding exons and a 5' non-coding exon (PMID: 12778136). KRAS is membrane-anchored guanosine triphosphate/guanosine diphosphate (GTP/GDP)-binding protein and is widely expressed in most human cells. Like other members of the Ras family,the KRAS protein is GTPase,and it is involved in intracellular signal transduction and mainly responsible for EGFR-signaling activation (PMID: 19117687). KRAS mutations have been found in various malignancies,including lung adenocarcinoma,mucinous adenoma,ductal carcinoma of the pancreas and colorectal carcinoma.
Product Categories/Family for anti-GTPas antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	131875
NCBI GeneID	3845
UniProt Accession #	P01116; P01118; Q96D10; A8K8Z5; B0LPP9
Molecular Weight	189
NCBI Official Full Name	GTPase KRas
NCBI Official Synonym Full Names	Kirsten rat sarcoma viral oncogene homolog
NCBI Official Symbol	KRAS
NCBI Official Synonym Symbols	NS; NS3; CFC2; KRAS1; KRAS2; RASK2; KI-RAS; C-K-RAS; K-RAS2A; K-RAS2B; K-RAS4A; K-RAS4B
NCBI Protein Information	GTPase KRas; K-Ras 2; c-Ki-ras; oncogene KRAS2; K-ras p21 protein; c-Kirsten-ras protein; PR310 c-K-ras oncogene; transforming protein p21; cellular c-Ki-ras2 proto-oncogene; v-Ki-ras2 Kirsten rat sarcoma 2 viral oncogene homolog
UniProt Protein Name	GTPase KRas
UniProt Gene Name	KRAS
UniProt Synonym Gene Names	KRAS2; RASK2
UniProt Entry Name	RASK_HUMAN

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://stage.aaabiotech.com/polyclonal/gtpase-kras-antibody-western-blot-elisa/178658>