

Rabbit Phospho-KRAS-S89 Polyclonal Antibody | anti-KRAS-S89 antibody

Phospho-KRAS-S89 Rabbit pAb

CATALOG # AAA282133	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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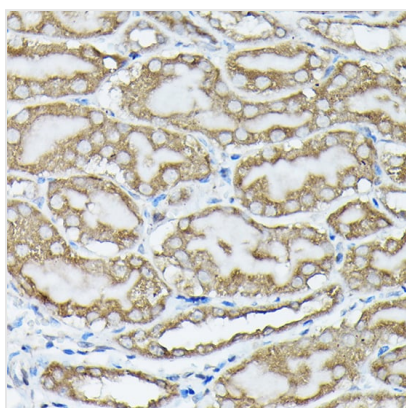
PRODUCT SYNONYMS

Phospho-KRAS-S89; Polyclonal Antibody; Phospho-KRAS-S89 Rabbit pAb; KRAS; C-K-RAS; CFC2; K-RAS2A; K-RAS2B; K-RAS4A; K-RAS4B; KI-RAS; KRAS1; KRAS2; NS; NS3; RALD; RASK2; c-Ki-ras2; GTPase KRas; anti-KRAS-S89 antibody

PRODUCT SPECIFICATIONS

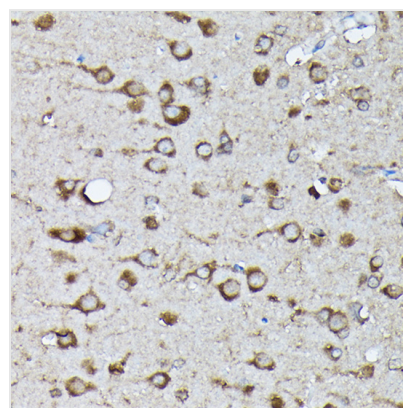
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-KRAS-S89 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A phospho specific peptide corresponding to residues surrounding S89 of human KRAS.
Cellular Location	Cell membrane, Cytoplasm, Cytoplasmic side, Lipid-anchor, cytosol
Positive Samples	Jurkat, NIH/3T3
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



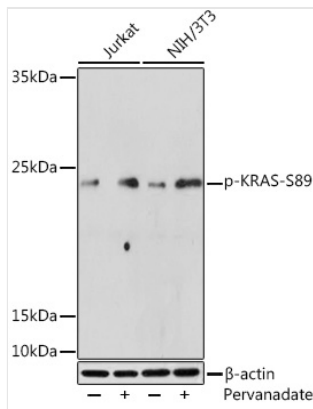
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using Phospho-KRAS-S89 Rabbit pAb at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using Phospho-KRAS-S89 Rabbit pAb at dilution of 1:100 (40x lens).



WB (Western Blot)
 Western blot analysis of extracts of various cell lines, using Phospho-KRAS-S89 Rabbit pAb at 1:500 dilution. Jurkat cells were treated by Pervanadate (1 mM) at 37°C for 30 minutes. NIH/3T3 cells were treated by Pervanadate (1 mM) at 37°C for 30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Enhanced Kit (RM00021). Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-KRAS-S89 antibody	Background: 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]
Product Categories/Family for anti-KRAS-S89 antibody	Signal Transduction; G protein signaling; Small G proteins; Research; Signal Transduction; G protein signaling; G-Protein-Coupled Receptors Signaling to MAPK/Erk; Research; Signal Transduction; ErbB-HER Signaling Pathway; Research; Signal Transduction; MA

NCBI AND UNIPROT INFORMATION

NCBI GI #	131875
NCBI GeneID	3845
UniProt Accession #	P01116; P01118; Q96D10; A8K8Z5; B0LPF9
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/phospho-kras-s89-antibody-immunohistochemistry-western-blot-elisa/282133>