

Rabbit KRAS Polyclonal Antibody | anti-KRAS antibody

KRAS antibody - N-terminal region

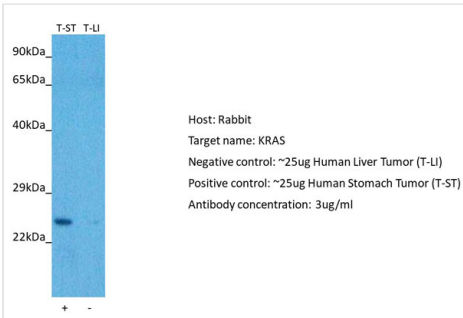
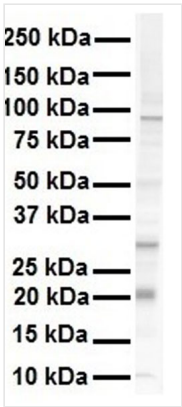
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23564	Rabbit	Predicted Species Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish Tested Species Reactivity: Human , Mouse	Western Blot

PRODUCT SYNONYMS

KRAS; Polyclonal Antibody; KRAS antibody - N-terminal region; anti-KRAS antibody

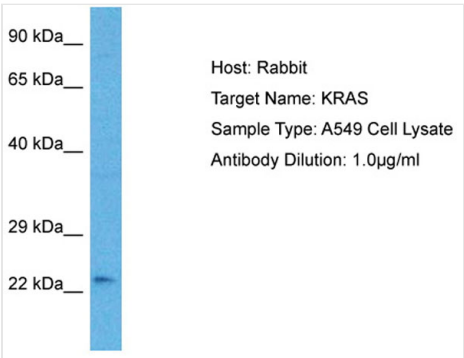
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Predicted Species Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish Tested Species Reactivity: Human , Mouse
Clonality	Polyclonal
Specificity	100% homologous to human KRAS, NRAS and HRAS.
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range : 100ul at 0.5-1 mg/mL (varies by lot)
Sequence	Synthetic peptide with the following region: TE YKLVVVGAGG VGKSALTIQL IQNHFVDEYD PTIEDSYRKQ VVIDGETC
Sequence Length	189
Applicable Applications for anti-KRAS antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human KRAS
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

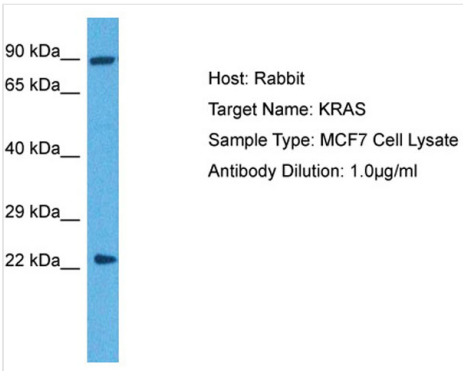


WB (Western Blot)
Human stomach, Human liverHost: RabbitTarget: KRASPositive control (+): Human stomach (ST)Negative control (-): Human liver (LI)Antibody concentration: 3ug/ml

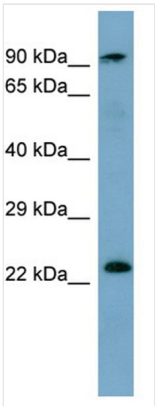
WB (Western Blot)
Human RPMI-8226WB Suggested Anti-KRAS antibody Titration: 1 ug/mLSample Type: Human RPMI-8226



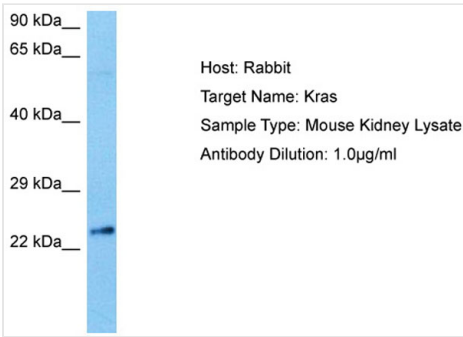
WB (Western Blot)
Human A549 Whole CellHost: RabbitTarget Name: KRASSample Tissue: Human A549 Whole CellAntibody Dilution: 1ug/ml



WB (Western Blot)
Human MCF7 Whole CellHost: RabbitTarget Name: KRASSample Tissue: Human MCF7 Whole CellAntibody Dilution: 1ug/ml



WB (Western Blot)
Human HeartWB Suggested Anti-KRAS Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:62500Positive Control: Human heart



WB (Western Blot)
Mouse KidneyHost: MouseTarget Name: KRASSample Tissue: Mouse KidneyAntibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-KRAS antibody	This is a rabbit polyclonal antibody against KRAS. It was validated on Western Blot Target Description: KRAS 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.
Product Categories/Family for anti-KRAS antibody	Polyclonal; Cell Cycle Proteins; Lymphocyte Signaling; Neuroscience; Membrane & Traffic; Disease Related; DNA/RNA/Protein Interactions; Phosphorylation; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	15718763
NCBI GeneID	3845
NCBI Accession #	NP_203524
NCBI GenBank Nucleotide #	NM_033360
UniProt Accession #	P01111; P01116
Molecular Weight	22kDa
NCBI Official Full Name	GTPase KRas isoform a
NCBI Official Synonym Full Names	KRAS proto-oncogene, GTPase
NCBI Official Symbol	KRAS
NCBI Official Synonym Symbols	NS; NS3; CFC2; RALD; K-Ras; KRAS1; KRAS2; RASK2; KI-RAS; C-K-RAS; K-RAS2A; K-RAS2B; K-RAS4A; K-RAS4B; c-Ki-ras2
NCBI Protein Information	GTPase KRas
UniProt Protein Name	GTPase NRas
UniProt Gene Name	NRAS
UniProt Synonym Gene Names	HRAS1
UniProt Entry Name	RASN_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/kras-antibody-western-blot-elisa/23564>