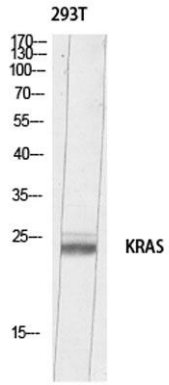
K-Ras rabbit pAb

Cat#: orb771316 (Manual)

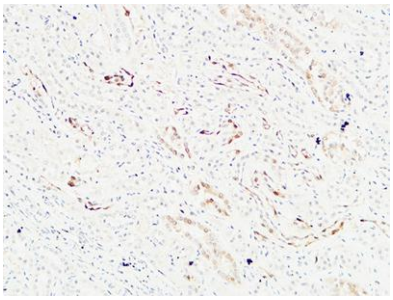
For research use only. Not intended for diagnostic use.

Product Name	K-Ras rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	IHC-p: 100-300.Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from the C-terminal region of human KRAS. AA range:150-189
Specificity	K-Ras Polyclonal Antibody detects endogenous levels of v-Ki-ras2 Kirsten rat sarcoma viral oncogene homolog
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	v-Ki-ras2 Kirsten rat sarcoma viral oncogene homolog
Gene Name	KRAS
Cellular localization	Cell membrane ; Lipid-anchor ; Cytoplasmic side . Endomembrane system . Cytoplasm, cytosol .; [Isoform 2B]: Cell membrane ; Lipid-anchor .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

Concentration	1 mg/ml
Observed band	22kD
Human Gene ID	3845
Human Swiss-Prot Number	P01116
Alternative Names	GTPase KRas (K-Ras 2;Ki-Ras;c-K-ras;c-Ki-ras) [Cleaved into: GTPase KRas, N-terminally processed]
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],



Western blot analysis of 293T lysis using KRAS antibody. Antibody was diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded Human kidney. 1, Antibody was diluted at 1:200(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

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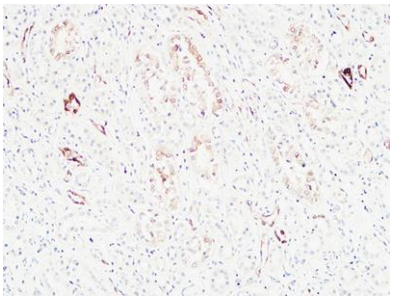

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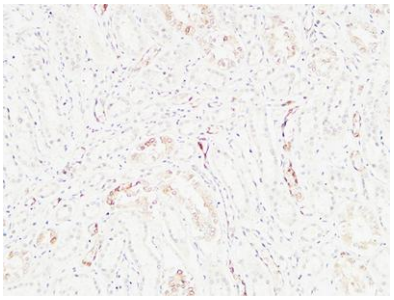

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