

# K-Ras Polyclonal Antibody

Catalog # AP73922

## Product Information

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<b>Application</b>	WB, IHC-P, IF, ICC, E
<b>Primary Accession</b>	<a href="#">P01116</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	21656

## Additional Information

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<b>Gene ID</b>	3845
<b>Other Names</b>	GTPase KRas (K-Ras 2) (Ki-Ras) (c-K-ras) (c-Ki-ras) [Cleaved into: GTPase KRas, N-terminally processed]
<b>Dilution</b>	WB~~IHC-p: 100-300. Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. IHC-P~~IHC-p: 100-300. Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	KRAS
<b>Synonyms</b>	KRAS2, RASK2
<b>Function</b>	Ras proteins bind GDP/GTP and possess intrinsic GTPase activity (PubMed: <a href="#">20949621</a> , PubMed: <a href="#">39809765</a> ). Plays an important role in the regulation of cell proliferation (PubMed: <a href="#">22711838</a> , PubMed: <a href="#">23698361</a> ). Plays a role in promoting oncogenic events by inducing transcriptional silencing of tumor suppressor genes (TSGs) in colorectal cancer (CRC) cells in a ZNF304-dependent manner (PubMed: <a href="#">24623306</a> ).
<b>Cellular Location</b>	Cell membrane; Lipid-anchor; Cytoplasmic side. Endomembrane system. Cytoplasm, cytosol

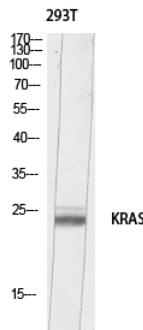
## Background

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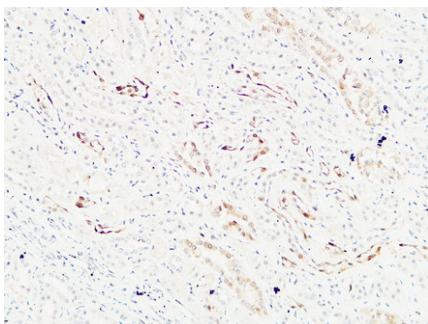
Ras proteins bind GDP/GTP and possess intrinsic GTPase activity. Plays an important role in the regulation of cell proliferation (PubMed:[23698361](#), PubMed:[22711838](#)). Plays a role in promoting oncogenic events by inducing transcriptional silencing of tumor suppressor genes (TSGs) in colorectal cancer (CRC) cells in a ZNF304-dependent manner (PubMed:[24623306](#)).

## Images

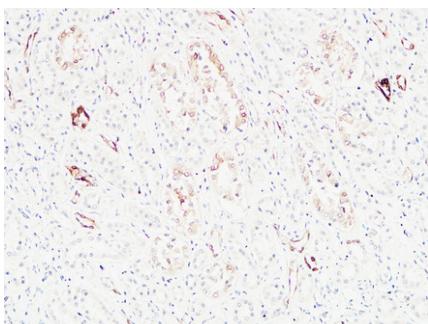
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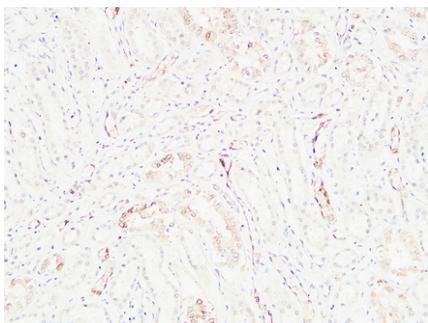
Western blot analysis of 293T lysis using KRAS antibody. Antibody was diluted at 1:500. Secondary antibody was diluted at 1:20000



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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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.