

Datasheet for ABIN7441496
anti-K-RAS antibody (AA 1-189)

2 Images

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Overview

Quantity:	100 µL
Target:	K-RAS (KRAS)
Binding Specificity:	AA 1-189
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This K-RAS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to V-Ki-Ras2 Kirsten Rat Sarcoma Viral Oncogene Homolog (KRAS)
Immunogen:	Recombinant V-Ki-Ras2 Kirsten Rat Sarcoma Viral Oncogene Homolog (KRAS) corresponding to Met1~Met189 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against KRAS. It has been selected for its ability to recognize KRAS in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

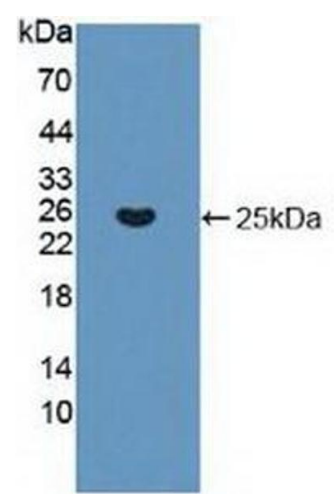
Target:	K-RAS (KRAS)
Alternative Name:	V-Ki-Ras2 Kirsten Rat Sarcoma Viral Oncogene Homolog (KRAS Products)
Target Type:	Viral Protein
Background:	C-K-RAS, K-RAS2A, K-RAS2B, K-RAS4A, K-RAS4B, KI-RAS, KRAS1, KRAS2, NS3, RASK2

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

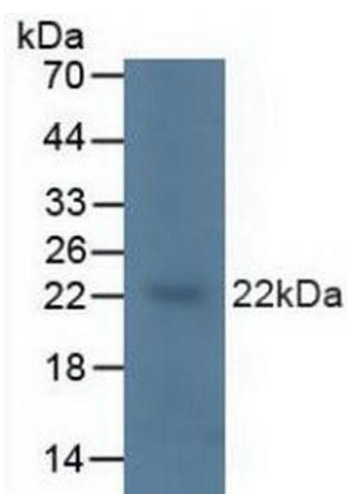
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of Recombinant KRAS, Human using Polyclonal Antibody to V-Ki-Ras2 Kirsten Rat Sarcoma Viral Oncogene Homolog (KRAS)



Western Blotting

Image 2. Detection of KRAS in Porcine Brain Tissue using Polyclonal Antibody to V-Ki-Ras2 Kirsten Rat Sarcoma Viral Oncogene Homolog (KRAS)