

Datasheet for ABIN7114805 **anti-K-RAS antibody**

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Overview

Quantity:	100 µg
Target:	K-RAS (KRAS)
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This K-RAS antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	v-Ki-ras2 Kirsten rat sarcoma viral oncogene homolog
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	K-RAS (KRAS)
Alternative Name:	KRAS (KRAS Products)
Target Type:	Viral Protein
Background:	Synonyms: C K RAS, c Ki ras, GTPase KRas, K Ras 2, K RAS2A, K RAS2B, K RAS4A, K RAS4B, KI RAS, KRAS, KRAS1, KRAS2, KRAS2B specific, Krasa, Krasb, NS3, RASK2 Background: Ras

Target Details

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).

Molecular Weight:	21 kDa
Gene ID:	3845
UniProt:	P01116

Application Details

Application Notes:	WB: 1:500 - 1:1000, IHC: 1:50 - 1:200, IP: 1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months