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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP55408_P050-Biotin
Product Page	www.avivasysbio.com/kras-antibody-n-terminal-region-biotin-arp55408-p050-biotin.html
Name	KRAS Antibody - N-terminal region : Biotin (ARP55408_P050-Biotin)
Protein Size (# AA)	189 amino acids
Molecular Weight	22kDa
Conjugation	Biotin
NCBI Gene Id	3845
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	V-Ki-ras2 Kirsten rat sarcoma viral oncogene homolog
Alias Symbols	NS, NS3, OES, CFC2, RALD, K-Ras, KRAS1, KRAS2, RASK2, KI-RAS, C-K-RAS, K-RAS2A, K-RAS2B, K-RAS4A, K-RAS4B, K-Ras 2, 'C-K-RAS, c-Ki-ras, c-Ki-ras2
Peptide Sequence	Synthetic peptide located within the following region: TEYKLVVVYGAGGVGKSALTIQLIQNHFVDEYDPTIEDSYRKQVVIDGETC
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	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.
Protein Interactions	RBPMS; UBC; PSMA3; ARAF; MDFI; TRAF6; BCL2; BTRC; RAF1; MAPK1; PHB; DDX50; EGLN1; DDX47; RALGDS; RGL2; PIK3R2; LPAR1; ADH6; APP; ELAVL1; CALM1; IGSF21; CCT7; PDE4DIP; DNAJA3; EEF1A1; RASGRF2; RASSF2; RAP1GDS1; RASGRP2; RASSF5; SHOC2; PGGT1B; PIK3CG; EPB42
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-KRAS (ARP55408_P050-Biotin) antibody
Specificity	100% homologous to human KRAS, NRAS and HRAS.
Additional Information	IHC Information: Uterus IHC Information: Placenta
Blocking Peptide	For anti-KRAS (ARP55408_P050-Biotin) antibody is Catalog # AAP55408
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human KRAS
Uniprot ID	P01111
Protein Name	GTPase NRas
Protein Accession #	NP_203524
Purification	Affinity Purified
Nucleotide Accession #	NM_033360
Gene Symbol	KRAS
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Yeast, Zebrafish
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 100%; Zebrafish: 100%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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