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KRAS Rabbit pAb

Catalog No.: A1190SP

9 Publications

Basic Information

Observed MW
21 kDa

Calculated MW
21 kDa/22 kDa

Category
Polyclonal Antibodies

Applications
WB, IHC-P, ELISA

Cross Reactivity
Human, Mouse, Rat

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.

Recommended Dilutions

WB	1:1000 - 1:2000
IHC-P	1:100 - 1:500

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.For high-ratio antibody dilutions (≥1:10000),a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID
3845

Swiss-Prot
P01116

Immunogen
This information is considered to be commercially sensitive.

Synonyms
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; KRAS

Contact

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Product Information

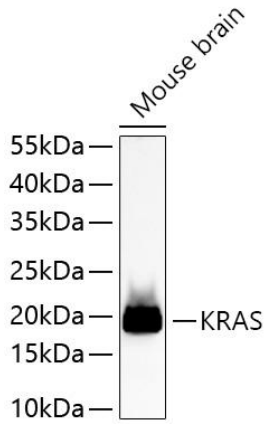
Source
Rabbit

Isotype
IgG

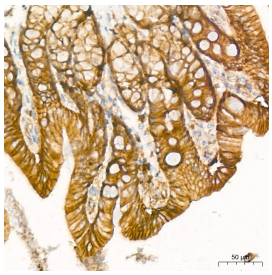
Purity
Affinity purification

Storage
Store at -20℃
Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide. May contain 0.05% BSA as specified on the Certificate of Analysis.

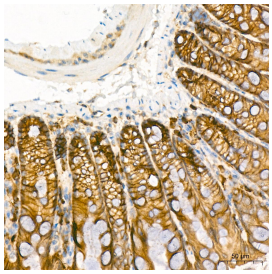
Validation Data



Western blot analysis of lysates from Mouse brain using KRAS Rabbit pAb (A1190SP) at 1:1000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60 s.



Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using KRAS Rabbit pAb (A1190SP) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse colon tissue using KRAS Rabbit pAb (A1190SP) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.