

## Rabbit KRAS Polyclonal Antibody | anti-KRAS antibody

(KO Validated) KRAS Polyclonal Antibody

|                               |                       |                                        |                                                         |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA179487</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|

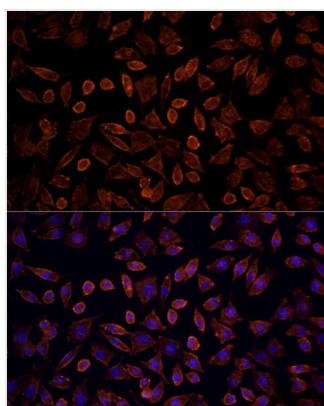
### PRODUCT SYNONYMS

KRAS; Polyclonal Antibody; (KO Validated) KRAS Polyclonal Antibody; C-K-RAS; CFC2; K-RAS2A; K-RAS2B; K-RAS4A; K-RAS4B; KI-RAS; KRAS1; KRAS2; NS; NS3; RALD; RASK2; c-Ki-ras2; anti-KRAS antibody

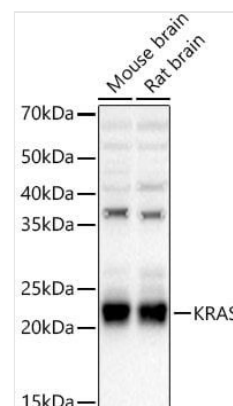
### PRODUCT SPECIFICATIONS

|                                                |                                                                |
|------------------------------------------------|----------------------------------------------------------------|
| Host                                           | Rabbit                                                         |
| Reactivity                                     | Human, Mouse, Rat                                              |
| Clonality                                      | Polyclonal                                                     |
| Isotype                                        | IgG                                                            |
| Purity/Purification                            | Affinity purification                                          |
| Form/Format                                    | PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.               |
| Concentration                                  | 1mg/mL (varies by lot)                                         |
| Applicable Applications for anti-KRAS antibody | IF (Immunofluorescence), WB (Western Blot)                     |
| Immunogen                                      | Recombinant fusion protein of human KRAS                       |
| Research Area                                  | Cancer, Epigenetics and Nuclear Signaling, Signal Transduction |
| Preparation and Storage                        | Storage: -20 degree C/One year. Avoid freeze/thaw cycles.      |

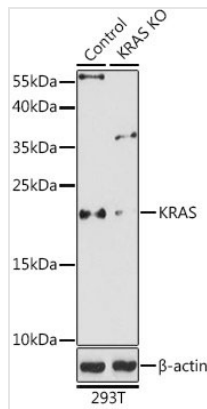
### IMAGES


**IF (Immunofluorescence)**

Immunofluorescence analysis of L929 cells using [KO Validated] KRAS Polyclonal Antibody at dilution of 100 (40x lens). Blue: DAPI for nuclear staining.


**WB (Western Blot)**

Western blot analysis of various lysates using KRAS Polyclonal Antibody at 1:3000 dilution.



#### WB (Western Blot)

Western blot analysis of extracts from normal (control) and KRAS knockout (KO) 293T cells, using KRAS Polyclonal Antibody at 1:1000 dilution.

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-KRAS antibody | This gene, a Kirsten ras oncogene homolog from the mammalian ras gene family, encodes a protein that is 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. |
| Product Categories/Family for anti-KRAS antibody   | <a href="#">Antibodies</a> ; <a href="#">Primary Antibodies</a> ; <a href="#">Polyclonal Antibody</a>                                                                                                                                                                                                                                                                                                                                                                                                                   |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">131875</a>                                                                                                                                                                                                                |
| NCBI GeneID                      | <a href="#">3845</a>                                                                                                                                                                                                                  |
| UniProt Accession #              | <a href="#">P01116</a> ; <a href="#">P01118</a> ; <a href="#">Q96D10</a> ; <a href="#">A8K8Z5</a> ; <a href="#">B0LPP9</a>                                                                                                            |
| Molecular Weight                 | 189                                                                                                                                                                                                                                   |
| NCBI Official Full Name          | GTPase KRas                                                                                                                                                                                                                           |
| NCBI Official Synonym Full Names | Kirsten rat sarcoma viral oncogene homolog                                                                                                                                                                                            |
| NCBI Official Symbol             | KRAS                                                                                                                                                                                                                                  |
| NCBI Official Synonym Symbols    | NS; NS3; CFC2; KRAS1; KRAS2; RASK2; KI-RAS; C-K-RAS; K-RAS2A; K-RAS2B; K-RAS4A; K-RAS4B                                                                                                                                               |
| NCBI Protein Information         | GTPase KRas; K-Ras 2; c-Ki-ras; oncogene KRAS2; K-ras p21 protein; c-Kirsten-ras protein; PR310 c-K-ras oncogene; transforming protein p21; cellular c-Ki-ras2 proto-oncogene; v-Ki-ras2 Kirsten rat sarcoma 2 viral oncogene homolog |
| UniProt Protein Name             | GTPase KRas                                                                                                                                                                                                                           |
| UniProt Gene Name                | <b>KRAS</b>                                                                                                                                                                                                                           |
| UniProt Synonym Gene Names       | KRAS2; RASK2                                                                                                                                                                                                                          |
| UniProt Entry Name               | RASK_HUMAN                                                                                                                                                                                                                            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/kras-antibody-immunofluorescence-western-blot-elisa/179487>