## [KO Validated] KRAS Rabbit Polyclonal Antibody



## **CAB12704**

**Product Information** 

Size:

20uL, 50uL, 100uL, 200uL

**Observed MW:** 

21KDa

Calculated MW:

21kDa

**Applications:** 

WB IF IP

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200 IP 1:50 - 1:200

Source:

Rabbit

**Isotype:** IgG

**Purification:** 

Affinity purification

**Protein 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.

Immunogen information

**Gene ID:** 3845

Uniprot

P01116

Synonyms:

KRAS; C-K-RAS; CFC2; K-RAS2A; K-RAS2B; K-RAS4A; K-RAS4B; KI-

RAS; KRAS1; KRAS2; NS; NS3; RALD; RASK2; c-Ki-ras2

Immunogen:

Recombinant fusion protein containing a sequence corresponding

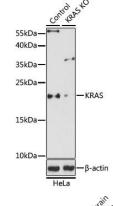
to amino acids 30-188 of human KRAS (NP\_004976.2).

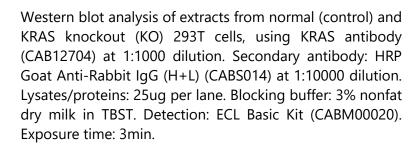
Storage:

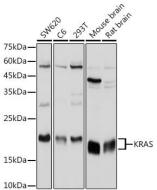
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

sodium azide, 50% glycerol, pH7.3.

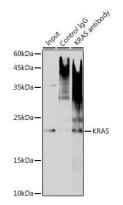
## **Product Images**







Western blot analysis of extracts of various cell lines, using KRAS antibody (CAB12704) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.



Immunoprecipitation analysis of 600ug extracts of Mouse brain cells using 3ug KRAS antibody (CAB12704). Western blot was performed from the immunoprecipitate using KRAS antibody (CAB12704) at a dilition of 1:1000.