

Phospho-KRAS-S89 Antibody

CABP1168

Description

This Phospho-KRAS-S89 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CABP1168
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
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, Phospho-KRAS-S89
Clone:	-
Applications:	WB IHC-P ELISA
Conjugation:	-
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	3845
Uniprot:	AB_2864027
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	21kDa
Calculated MW:	22kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.
Store Bradford Reagent at Room Temperature for 1 Year.

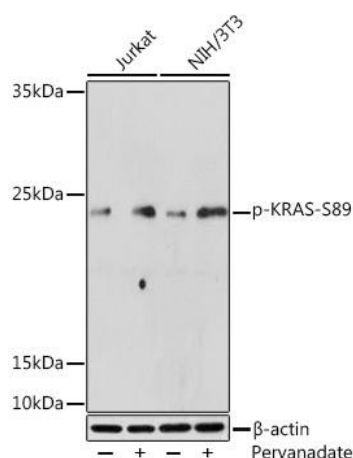
Positive Sample: Jurkat treated with Pervanadate, NIH/3T3 treated with Pervanadate

Recommended Dilutions:

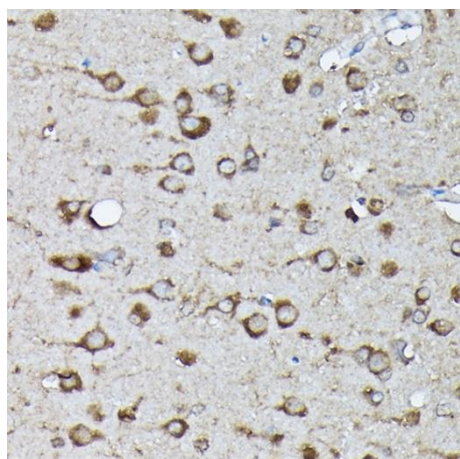
WB	1:500 - 1:2000
IHC-P	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of various lysates using Phospho-KRAS- Rabbit pAb (CABP1168) at 1:500 dilution. Jurkat cells were treated with Pervanadate (1 mM) at 37°C for 30 minutes. NIH/3T3 cells were treated with Pervanadate (1 mM) at 37°C for 30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% BSA. Detection: ECL Enhanced Kit (AbGn00021). Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Rat brain using Phospho-KRAS- Rabbit pAb (CABP1168) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

