Anti-Phospho-KRAS-S89 antibody (STJ11102656)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

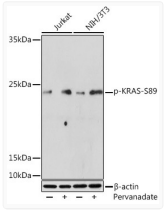
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 22kDa Observed Mw: 21kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

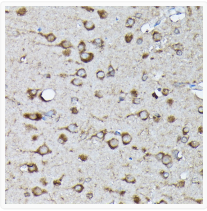
Gene ID	3845
Gene Symbol	KRAS
UniProt ID	RASK_HUMAN
Immunogen Sequence	TKSFE
Specificity	A synthetic phosphorylated peptide around S89 of human KRAS (NP_001356715.1).

ADDITIONAL INFORMATION

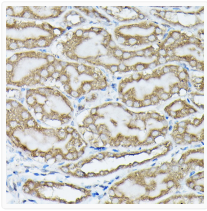
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of various lysates using Phospho-KRAS-S89 Rabbit pAb (STJ11102656) at 1:500 dilution. Jurkat cells were treated by Pervanadate (1 mM) at 37 °C for 30 minutes. NIH/3T3 cells were treated by Pervanadate (1 mM) at 37 °C for 30 minutes.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% BSA.
Detection: ECL Enhanced Kit
Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Rat brain using Phospho-KRAS-S89 Rabbit pAb (STJ11102656) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0. 01M Citrate Bufferr (pH 6. 0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney using Phospho-KRAS-S89 Rabbit pAb (STJ11102656) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0. 01M Citrate Bufferr (pH 6. 0) prior to immunohistochemistry staining.