Anti-KRAS antibody (30-189) (STJ114577)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

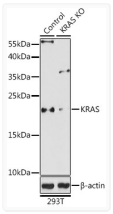
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	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

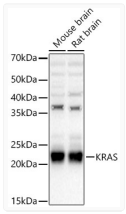
Gene ID	3845
Gene Symbol	KRAS
UniProt ID	RASK_HUMAN
Immunogen Region	30-189
Immunogen Sequence	DEYDPTIEDSYRKQVVIDGE TCLLDILDTAGQEEYSAMRD QYMRTGEGFLCVFAINNTKS FEDIHHYREQIKRVKDSEDV PMVLVGNKCDLPSRTVDTKQ AQDLARSYGIPFIETSAKTR QRVEDAFYTLVREIRQYRLK KISKEEKTPGCVKIKKCII
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 30-188 of human KRAS (NP_203524.1).

ADDITIONAL INFORMATION

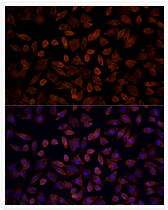
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of extracts from normal (control) and KRAS knockout (KO) 293T cells, using KRAS antibody (STJ114577) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.



Western blot analysis of various lysates, using KRAS antibody (STJ114577) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Immunofluorescence analysis of L929 cells using [KO Validated] KRAS rabbit polyclonal antibody (STJ114577) at dilution of 100 (40x lens). Blue: DAPI for nuclear staining.