

Anti-HRAS antibody (1-189) (STJ114104)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

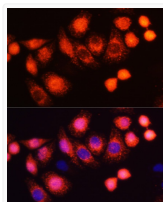
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 21kDa Observed Mw: 19kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

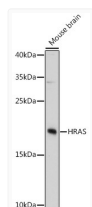
Gene ID	3265
Gene Symbol	HRAS
UniProt ID	RASH_HUMAN
Immunogen Region	1-189
Immunogen Sequence	MTEYKLVVVGAGGVGKSALT IQLIQNHFVDEYDPTIEDSY RKQVVIDGETCLLDILDTAG QEEYSAMRDQYMRGTGEGFLC VFAINNTKSFEDIHQYREI KRVKDSDDVPMVLVGNKCDL AARTVESRQAQDLARSYGIP YIETSAKTRQGVEDAFYTLV REIRQHKLRKLNPPDESGPG CMSCKCVLS
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-189 of human HRAS (NP_005334.1).

ADDITIONAL INFORMATION

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



Immunofluorescence analysis of HeLa cells using HRAS Rabbit polyclonal antibody (STJ114104) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from mouse brain, using HRAS Rabbit polyclonal antibody (STJ114104) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.