

HRAS / H-Ras Antibody (aa111-189)
Rabbit Polyclonal Antibody
Catalog # ALS16909**Specification**

HRAS / H-Ras Antibody (aa111-189) - Product Information

Application	IHC, ICC, WB
Primary Accession	P01112
Other Accession	3265
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21298

HRAS / H-Ras Antibody (aa111-189) - Additional Information**Gene ID** 3265**Other Names**

HRAS, C-H-RAS, C-has/bas p21 protein, C-ras-Ki-2 activated oncogene, C-HA-RAS1, CTLO, H-ras, H-RASIDX, GTP- and GDP-binding peptide B, GTPase HRas, H-Ras-1, HAMSV, HRAS1, K-RAS, Ha-Ras, Ha-Ras1 proto-oncoprotein, Transforming protein p21, N-ras, p21r ...

Target/Specificity

Human HRAS

Reconstitution & Storage

0.1 M Tris-glycine, pH 7.0, 20% glycerol, 0.01% Thimerosal. Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Precautions

HRAS / H-Ras Antibody (aa111-189) is for research use only and not for use in diagnostic or therapeutic procedures.

HRAS / H-Ras Antibody (aa111-189) - Protein Information**Name** HRAS**Synonyms** HRAS1**Function**

Involved in the activation of Ras protein signal transduction (PubMed:22821884). Ras proteins bind GDP/GTP and possess intrinsic GTPase activity (PubMed:12740440, PubMed:14500341, PubMed:9020151).

Cellular Location

Cell membrane; Lipid-anchor; Cytoplasmic side. Golgi apparatus. Golgi apparatus membrane; Lipid-anchor. Note=The active GTP-bound form is localized most strongly to membranes than the inactive GDP-bound form (By similarity). Shuttles between the plasma membrane and the Golgi apparatus.

Tissue Location

Widely expressed..

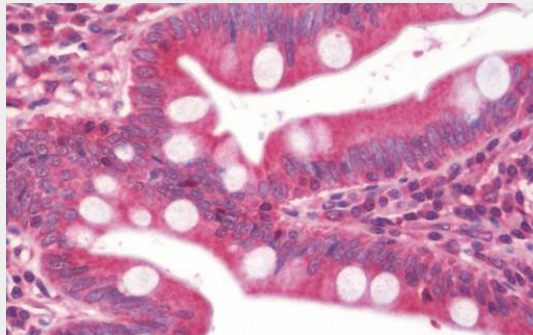
Volume

50 µl

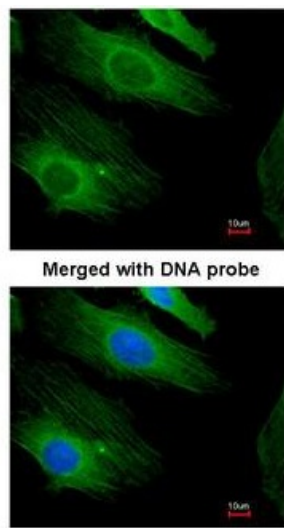
HRAS / H-Ras Antibody (aa111-189) - Protocols

Provided below are standard protocols that you may find useful for product applications.

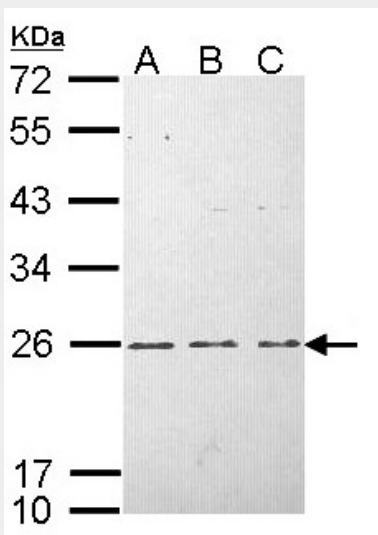
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HRAS / H-Ras Antibody (aa111-189) - Images

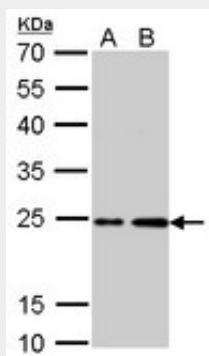
Anti-HRAS / H-Ras antibody IHC staining of human small intestine.



Immunofluorescence of paraformaldehyde-fixed HeLa using H-Ras antibody at 1:200 dilution.



Sample (30 µg of whole cell lysate).



H-Ras antibody detects HRAS protein by Western blot analysis.

HRAS / H-Ras Antibody (aa111-189) - Background

Ras proteins bind GDP/GTP and possess intrinsic GTPase activity.

HRAS / H-Ras Antibody (aa111-189) - References

Capon D.J.,et al.Nature 302:33-37(1983).
Reddy E.P.,et al.Science 220:1061-1063(1983).
Sekiya T.,et al.Proc. Natl. Acad. Sci. U.S.A. 81:4771-4775(1984).
Guil S.,et al.Cancer Res. 63:5178-5187(2003).
Puhl H.L. III,et al.Submitted (MAR-2002) to the EMBL/GenBank/DDBJ databases.