

KD-Validated Anti-HRAS Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI1548**Specification****KD-Validated Anti-HRAS Rabbit Monoclonal Antibody - Product Information**

Application	WB, FC
Primary Accession	P01112
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 21 kDa , observed , 19 kDa KDa
Gene Name	HRAS
Aliases	HRAS; HRas Proto-Oncogene, GTPase; HRAS1; V-Ha-Ras Harvey Rat Sarcoma Viral Oncogene Homolog; Harvey Rat Sarcoma Viral Oncogene Homolog; Transforming Protein P21; GTPase HRas; P21ras; Ras Family Small GTP Binding Protein H-Ras; Harvey Rat Sarcoma Viral Oncoprotein; Transformation Gene: Oncogene HAMSV; GTP- And GDP-Binding Peptide B; Ha-Ras1 Proto-Oncoprotein; C-Has/Bas P21 Protein; P19 H-RasIDX Protein; EC 3.6.5.2; C-BAS/HAS; C-HA-RAS1; H-RASIDX; C-H-RAS; H-Ras-1; C-H-Ras; Ha-Ras; HAMSV; RASH1; CTLO
Immunogen	A synthesized peptide derived from human GTPase HRAS

KD-Validated Anti-HRAS Rabbit Monoclonal Antibody - Additional Information

Gene ID	3265
Other Names	
GTPase HRas, 3.6.5.2, H-Ras-1, Ha-Ras, Transforming protein p21, c-H-ras, p21ras, GTPase HRas, N-terminally processed, HRAS, HRAS1	

KD-Validated Anti-HRAS Rabbit Monoclonal Antibody - 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:12740440).

href="http://www.uniprot.org/citations/14500341" target="_blank">14500341, PubMed:9020151).

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:P20171}; 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

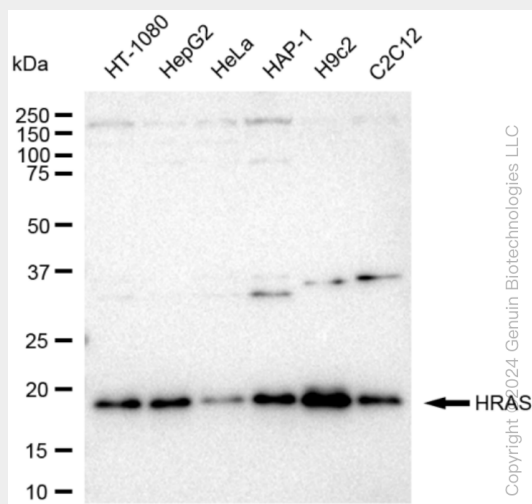
Widely expressed..

KD-Validated Anti-HRAS Rabbit Monoclonal Antibody - Protocols

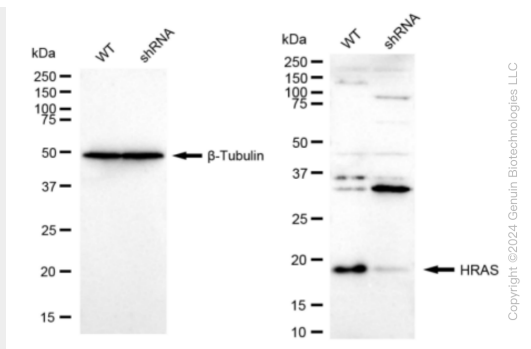
Provided below are standard protocols that you may find useful for product applications.

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

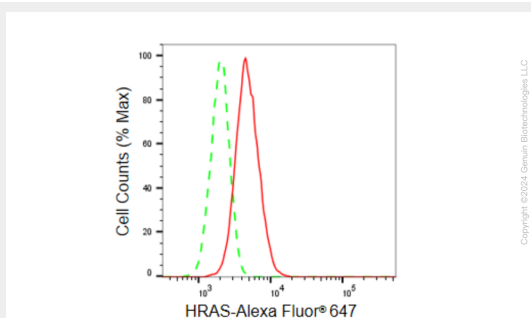
KD-Validated Anti-HRAS Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-HRAS antibody (Cat#AGI1548). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-HRAS antibody (Cat#AGI1548, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-HRAS antibody (Cat#AGI1548). HRAS expression in wild type (WT) and HRAS shRNA knockdown (KD) HeLa cells with 30 μ g of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-HRAS antibody (Cat#AGI1548, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of HRAS expression in HepG2 cells using HRAS antibody (Cat#AGI1548, 1:2,000). Green, isotype control; red, HRAS.