



[Go to Product page](#)

Datasheet for ABIN2857002
anti-HRAS antibody (C-Term)

8 Images

4 Publications

Overview

Quantity:	100 µL
Target:	HRAS
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HRAS antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human H-Ras.
Characteristics:	Rabbit Polyclonal antibody to H-Ras (v-Ha-ras Harvey rat sarcoma viral oncogene homolog) H-Ras antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	HRAS
Alternative Name:	H-Ras (HRAS Products)
Gene ID:	3265

Target Details

Pathways: [p53 Signaling](#), [MAPK Signaling](#), [RTK Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Hepatitis C](#), [Autophagy](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#), [Signaling of Hepatocyte Growth Factor Receptor](#), [Regulation of long-term Neuronal Synaptic Plasticity](#), [VEGF Signaling](#), [BCR Signaling](#)

Application Details

Application Notes: WB: 1:500-1:3000, IHC-P: 1:100-1:1000, ICC/IF: 1:100-1:1000.
Not yet tested in other applications.
Optimal working dilutions should be determined experimentally by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 0.1M Tris, 0.1M Glycine, 20 % Glycerol (pH 7).
0.01 % Thimerosal was added as a preservative.

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Keep as concentrated solution. Aliquot and store at -20°C or below.
Avoid multiple freeze-thaw cycles.

Publications

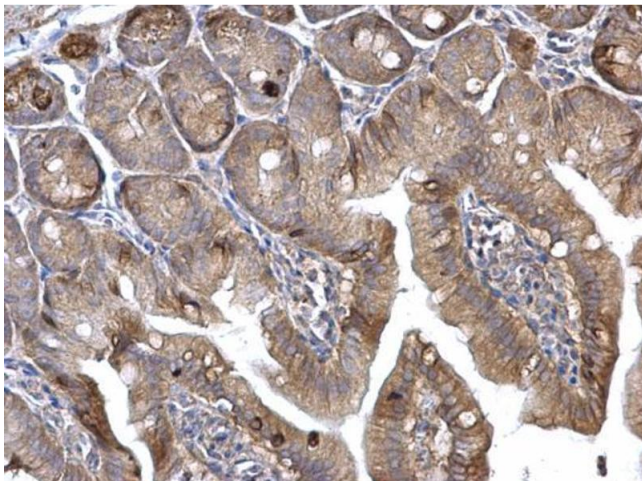
Product cited in: Basu, Lee, Salotti, Basu, Sakchaisri, Xiao, Walia, Westlake, Morrison, Johnson: "Oncogenic RAS-Induced Perinuclear Signaling Complexes Requiring KSR1 Regulate Signal Transmission to Downstream Targets." in: **Cancer research**, Vol. 78, Issue 4, pp. 891-908, (2019) ([PubMed](#)).

Brandt, Albers, Hejhal, Pfundstein, Gonçalves, Catalano, Wild, Frew: "Mouse genetic background influences whether HrasG12V expression plus Cdkn2a knockdown causes angiosarcoma or undifferentiated pleomorphic sarcoma." in: **Oncotarget**, Vol. 9, Issue 28, pp. 19753-19766, (2018) ([PubMed](#)).

Gao, Wang, Jin, Hu, Duan, Shi, Du, Song, Yang, Li, Han, Zhao, Zhang, Fan, Miao: "Nogo-B receptor increases the resistance to tamoxifen in estrogen receptor-positive breast cancer cells." in: **Breast cancer research : BCR**, Vol. 20, Issue 1, pp. 112, (2018) ([PubMed](#)).

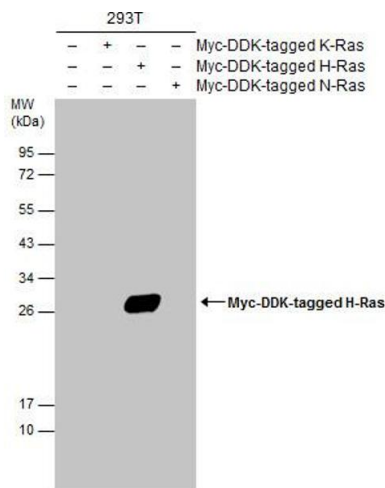
Brandt, Albers, Hejhal, Catalano, Wild, Frew: "Oncogenic HrasG12V expression plus knockdown of Cdkn2a using ecotropic lentiviral vectors induces high-grade endometrial stromal sarcoma." in: **PLoS ONE**, Vol. 12, Issue 10, pp. e0186102, (2017) ([PubMed](#)).

Images



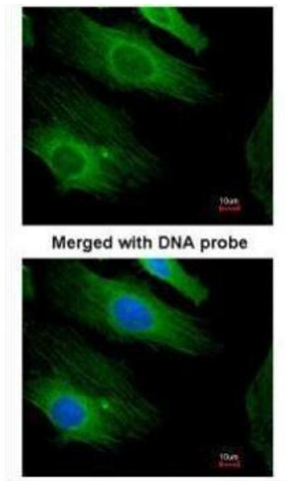
Immunohistochemistry

Image 1. IHC-P Image H-Ras antibody detects H-Ras protein at membrane on mouse intestine by immunohistochemical analysis. Sample: Paraffin-embedded mouse intestine. H-Ras antibody , dilution: 1:500.



Western Blotting

Image 2. WB Image Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with H-Ras antibody , diluted at 1:5000.



Immunofluorescence

Image 3. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using H-Ras , antibody at 1:200 dilution.

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN2857002.