

DATASHEET

H-Ras Rabbit Polyclonal Antibody

CAT. NO. APA14095

KEY FEATURES

Target	H-Ras	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IF/ICC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Involved in the activation of Ras protein signal transduction . Ras proteins bind GDP/GTP and possess intrinsic GTPase activity .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to H-Ras
Specificity	Recognizes endogenous levels of H-Ras protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human H-Ras
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 18; Observed: 21 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	HRAS1; GTPase HRas; H-Ras-1; Ha-Ras; Transforming protein p21; c-H-ras; p21ras
Gene Symbol	HRAS
Entrez Gene	3265(Human); 15461(Mouse); 293621(Rat)
SwissProt	P01112(Human); Q61411(Mouse); P20171(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

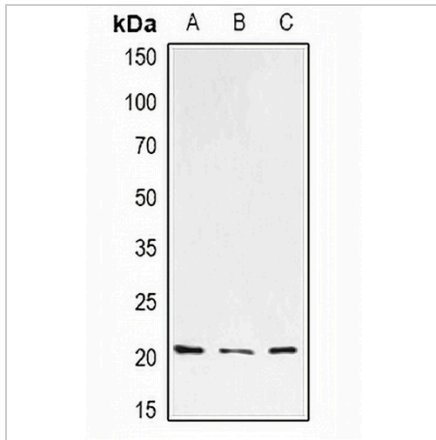
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

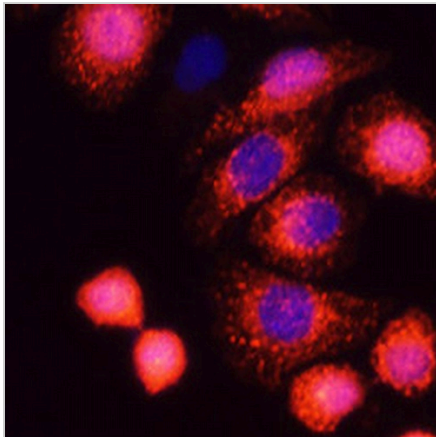
H-Ras Rabbit Polyclonal Antibody

CAT. NO. APA14095

DATA



Western blot analysis of H-Ras expression in HeLa (A), mouse brain (B), rat brain (C) whole cell lysates. (Predicted band size: 18; 21 kD; Observed band size: 21 kD)



Immunofluorescent analysis of H-Ras staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AREX® Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.