DATASHEET

NRAS Rabbit Monoclonal Antibody(ARA663)

CAT. NO. ARA6381

KEY FEATURES

Target:	NRAS	**Clone ID:**	ARA663
Source/Host:	Rabbit	**Reactivity:**	Human
Clonality:	Monoclonal	**Applications:**	IHC
Conjugation:	Unconjugated	**Storage:**	at-20°C

BACKGROUND

NRAS (GTPase NRas) is a membrane protein that shuttles between the Golgi apparatus and the plasma membrane. This shuttling is regulated through palmitoylation and depalmitoylation by the ZDHHC9-GOLGA7 complex. This protein, which has intrinsic GTPase activity, is activated to a GTP-bound form by a GTPase activating protein and inactivated to a GDP-bound form by a guanine nucleotide-exchange factor. Defects in the gene encoding this protein are a cause of juvenile myelomonocytic leukemia (JMML) and Noonan syndrome 6.

APPLICATION

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

IHC	1:50-1:200

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

OVERVIEW

Description	Recombinant rabbit monoclonal antibody to NRAS
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human NRAS protein. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Clonality	Monoclonal
Form/Buffer	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Gene Symbol	NRAS
Alternative Names	HRAS1; GTPase NRas; Transforming protein N-Ras
Entrez Gene	4893(Human); 24605(Rat)
SwissProt	P01111(Human); P08556(Mouse); Q04970(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.

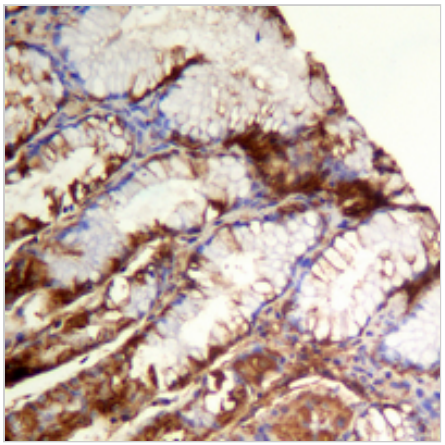
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA



Immunohistochemical analysis of NRAS staining in human colon formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

STORAGE

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

NOTE

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

More information: www.arexbio.com