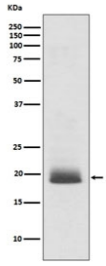
NRAS Antibody [clone AOFE-14] (RQ4866)

Catalog No.	Formulation	Size
RQ4866	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Monoclonal (rabbit origin)
Isotype	Rabbit IgG
Clone Name	AOFE-14
Purity	Affinity purified
UniProt	P01111
Applications	Western blot: 1:500-1:2000
Limitations	This NRAS antibody is available for research use only.



Western blot testing of human SH-SY5Y cell lysate with NRAS antibody. Predicted molecular weight ~21 kDa.

Description

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. It has intrinsic GTPase activity, is activated by a guanine nucleotide-exchange factor and inactivated by a GTPase activating protein. Mutations in the gene have been associated with somatic rectal cancer, follicular thyroid cancer, autoimmune lymphoproliferative syndrome, Noonan syndrome, and juvenile myelomonocytic leukemia. [RefSeq]

Application Notes

Optimal dilution of the NRAS antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human NRAS was used as the immunogen for the NRAS antibody.

Storage

Store the NRAS antibody at -20oC.

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