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NRAS Antibody (N-term)

Mouse Monoclonal Antibody (Mab)
Catalog # AM2238b

Product Information

Application	WB, E
Primary Accession	P01111
Reactivity	Human, Rat
Predicted	Mouse, Bovine, Canine, Rabbit, Chicken
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Names	822CT17.5.1
Calculated MW	21229
Antigen Region	70-101

Additional Information

Gene ID	4893
Other Names	GTPase NRas, Transforming protein N-Ras, NRAS, HRAS1
Target/Specificity	This NRAS antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 70-101 amino acids from the N-terminal region of human NRAS.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	NRAS Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NRAS
Synonyms	HRAS1
Function	Signal transducer in the Ras-MAPK signaling pathway that regulates cell proliferation and survival (PubMed:30712867). Ras proteins bind GDP/GTP

	and possess intrinsic GTPase activity (PubMed:30712867). Recognized by LZTR1 that mediates its ubiquitination by a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex (PubMed:40934300).
Cellular Location	Cell membrane; Lipid-anchor; Cytoplasmic side. Golgi apparatus membrane; Lipid-anchor Note=Shuttles between the plasma membrane and the Golgi apparatus

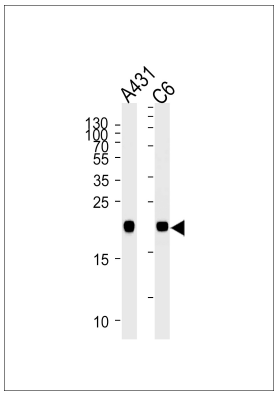
Background

Ras proteins bind GDP/GTP and possess intrinsic GTPase activity.

References

Hall A. et al. Nucleic Acids Res. 13:5255-5268(1985).

Images



NRAS Antibody (N-term) (Cat. #AM2238b) western blot analysis in A431 and rat C6 cell line lysates (35µg/lane).This demonstrates the NRAS antibody detected the NRAS protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.