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Mouse Hras1 Antibody(C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19575b

Product Information

Application	WB, E
Primary Accession	Q61411
Other Accession	P20171, P01112, P08642
Reactivity	Mouse
Predicted	Chicken, Human, Rat, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB30628
Calculated MW	21298
Antigen Region	151-179

Additional Information

Gene ID	15461
Other Names	GTPase HRas, H-Ras-1, Transforming protein p21, c-H-ras, p21ras, GTPase HRas, N-terminally processed, Hras, Hras1
Target/Specificity	This Mouse Hras1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 151-179 amino acids from the C-terminal region of mouse Hras1.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
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	Mouse Hras1 Antibody(C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

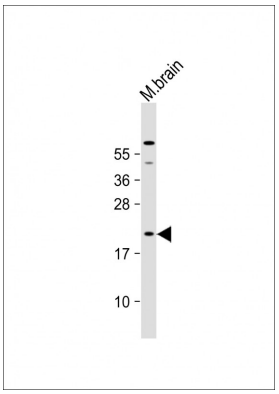
Name	Hras
Synonyms	Hras1

Function	Signal transducer in the Ras-MAPK signaling pathway that regulates cell proliferation and survival (By similarity). Ras proteins bind GDP/GTP and possess intrinsic GTPase activity (By similarity). Recognized by LZTR1 that mediates its ubiquitination by a BCR (BTB- CUL3-RBX1) E3 ubiquitin-protein ligase complex (By similarity).
Cellular Location	Cell membrane {ECO:0000250|UniProtKB:P20171}. Cell membrane; Lipid-anchor; Cytoplasmic side. Golgi apparatus. Golgi apparatus membrane; Lipid-anchor. Note=Shuttles between the plasma membrane and the Golgi apparatus. The active GTP- bound form is localized most strongly to membranes than the inactive GDP-bound form (By similarity).

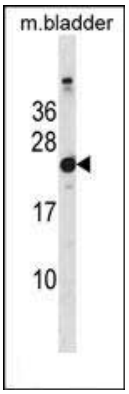
Background

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

Images



Anti-Mouse Hras1 Antibody (C-term) at 1:1000 dilution + mouse brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 21 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Mouse Hras1 Antibody (C-term) (Cat. #AP19575b) western blot analysis in mouse bladder tissue lysates (35ug/lane).This demonstrates the Mouse Hras1 antibody detected the Mouse Hras1 protein (arrow).

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