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RSU1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant RSU1.
Catalog # AT3732a

Product Information

Application	WB, E
Primary Accession	Q15404
Other Accession	BC005993
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	1C6
Calculated MW	31540

Additional Information

Gene ID	6251
Other Names	Ras suppressor protein 1, RSP-1, Rsu-1, RSU1, RSP1
Target/Specificity	RSU1 (AAH05993, 1 a.a. ~ 277 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	RSU1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

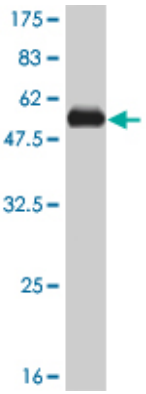
This gene encodes a protein that is involved in the Ras signal transduction pathway, growth inhibition, and nerve-growth factor induced differentiation processes, as determined in mouse and human cell line studies. In mouse, the encoded protein was initially isolated based on its ability to inhibit v-Ras transformation. Multiple alternatively spliced transcript variants for this gene have been reported; one of these variants was found only in glioma tumors.

References

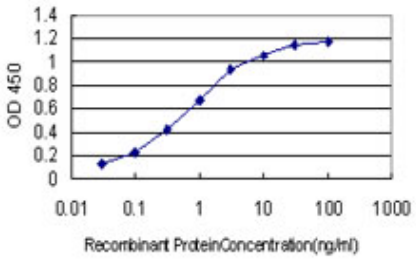
Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.Proteomic analysis reveals Hrs

ubiquitin-interacting motif-mediated ubiquitin signaling in multiple cellular processes. Pridgeon JW, et al. FEBS J, 2009 Jan. PMID 19019082.The Rsu-1-PINCH1-ILK complex is regulated by Ras activation in tumor cells. Dougherty GW, et al. Eur J Cell Biol, 2008 Sep. PMID 18436335.Large-scale mapping of human protein-protein interactions by mass spectrometry. Ewing RM, et al. Mol Syst Biol, 2007. PMID 17353931.A scan of chromosome 10 identifies a novel locus showing strong association with late-onset Alzheimer disease. Grupe A, et al. Am J Hum Genet, 2006 Jan. PMID 16385451.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (56.21 KDa) .



Detection limit for recombinant GST tagged RSU1 is approximately 0.03ng/ml as a capture antibody.

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