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GNG2 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a full length recombinant GNG2.
Catalog # AT2229a

Product Information

Application	WB
Primary Accession	P59768
Other Accession	BC020774
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	4C8
Calculated MW	7850

Additional Information

Gene ID	54331
Other Names	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-2, G gamma-I, GNG2
Target/Specificity	GNG2 (AAH20774, 1 a.a. ~ 71 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000
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	GNG2 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

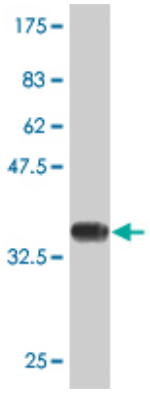
Heterotrimeric G proteins play vital roles in cellular responses to external signals. The specificity of a G protein-receptor interaction is primarily mediated by the gamma subunit.

References

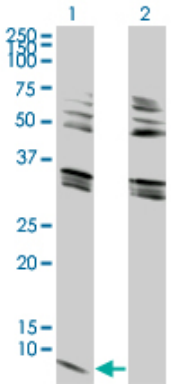
Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.Differential regulation of phospholipase C-beta2 activity and membrane interaction by Galphaq, Gbeta1gamma2, and Rac2. Gutman O, et al. J Biol Chem, 2010 Feb 5. PMID

20007712.Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121.Dissociation of heterotrimeric g proteins in cells. Lambert NA. Sci Signal, 2008 Jun 24. PMID 18577758.Reviews in molecular biology and biotechnology: transmembrane signaling by G protein-coupled receptors. Luttrell LM. Mol Biotechnol, 2008 Jul. PMID 18240029.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (33.55 KDa) .



Western Blot analysis of GNG2 expression in transfected 293T cell line by GNG2 monoclonal antibody (M03), clone 4C8.

Lane 1: GNG2 transfected lysate(7.9 KDa).
Lane 2: Non-transfected lysate.

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