

GNG4 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full length recombinant GNG4.****Catalog # AT2231a****Specification**

GNG4 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	P50150
Other Accession	BC022485
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 kappa
Calculated MW	8389

GNG4 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 2786**Other Names**

Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-4, GNG4, GNGT4

Target/Specificity

GNG4 (AAH22485, 1 a.a. ~ 75 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

GNG4 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

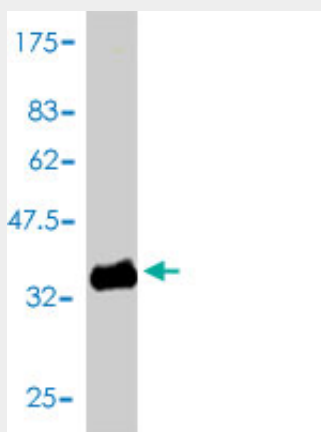
GNG4 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

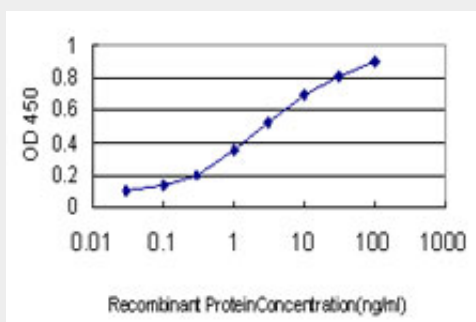
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GNG4 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (33.99 kDa) .



Detection limit for recombinant GST tagged GNG4 is approximately 0.03ng/ml as a capture antibody.

GNG4 Antibody (monoclonal) (M01) - References

Genetic correlates of longevity and selected age-related phenotypes: a genome-wide association study in the Framingham Study. Lunetta KL, et al. BMC Med Genet, 2007 Sep 19. PMID 17903295. Identification of Gnr1p, a negative regulator of G alpha signalling in Schizosaccharomyces pombe, and its complementation by human G beta subunits. Goddard A, et al. Fungal Genet Biol, 2006 Dec. PMID 16884933. Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. Genome Res, 2006 Jan. PMID 16344560. Identification of novel VHL target genes and relationship to hypoxic response pathways. Maina EN, et al. Oncogene, 2005 Jun 30. PMID 15824735. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.