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RIT2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant RIT2.
Catalog # AT3648a

Specification

RIT2 Antibody (monoclonal) (M01) - Product Information

Application	**WB, E**
Primary Accession	Q99578
Other Accession	BC018060
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 kappa**
Calculated MW	**24668**

RIT2 Antibody (monoclonal) (M01) - Additional Information

Gene ID 6014

Other Names
GTP-binding protein Rit2, Ras-like protein expressed in neurons, Ras-like without CAAX protein 2, RIT2, RIN, ROC2

Target/Specificity
RIT2 (AAH18060, 1 a.a. ~ 217 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
RIT2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

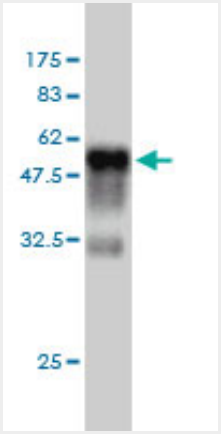
RIT2 Antibody (monoclonal) (M01) - Protocols

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

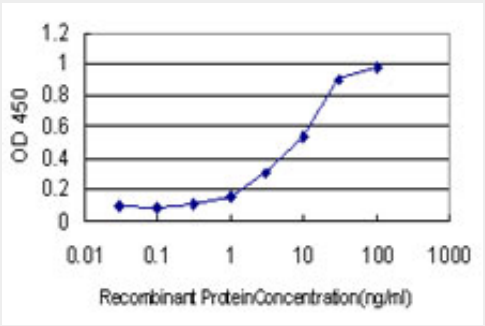
- Western Blot
- Blocking Peptides
- Dot Blot

- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

RIT2 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (49.61 KDa) .



Detection limit for recombinant GST tagged RIT2 is approximately 0.3ng/ml as a capture antibody.

RIT2 Antibody (monoclonal) (M01) - Background

RIN belongs to the RAS (HRAS; MIM 190020) superfamily of small GTPases (Shao et al., 1999 [PubMed 10545207]).

RIT2 Antibody (monoclonal) (M01) - References

Strong synaptic transmission impact by copy number variations in schizophrenia. Glessner JT, et al. Proc Natl Acad Sci U S A, 2010 Jun 8. PMID 20489179.Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.A genome-wide study of common SNPs and CNVs in cognitive performance in the CANTAB. Need AC, et al. Hum Mol Genet, 2009 Dec 1. PMID 19734545.Does parental expressed emotion moderate genetic effects in ADHD? An exploration using a genome wide association scan. Sonuga-Barke EJ, et al. Am J Med Genet B Neuropsychiatr Genet, 2008 Dec 5. PMID 18846501.Systematic identification of SH3 domain-mediated human protein-protein interactions by peptide array target screening. Wu C, et al. Proteomics, 2007 Jun. PMID 17474147.