

SAR1A Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full-length recombinant SAR1A.****Catalog # AT3772a****Specification**

SAR1A Antibody (monoclonal) (M01) - Product Information

Application	WB
Primary Accession	Q9NR31
Other Accession	BC003658
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	22367

SAR1A Antibody (monoclonal) (M01) - Additional Information**Gene ID** 56681**Other Names**

GTP-binding protein SAR1a, COPII-associated small GTPase, SAR1A, SAR1, SARA, SARA1

Target/Specificity

SAR1A (AAH03658, 1 a.a. ~ 198 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

SAR1A Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

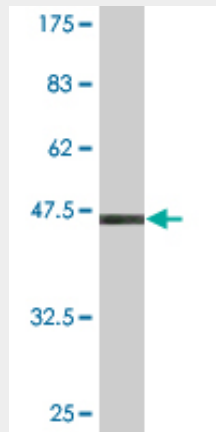
SAR1A Antibody (monoclonal) (M01) - Protocols

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

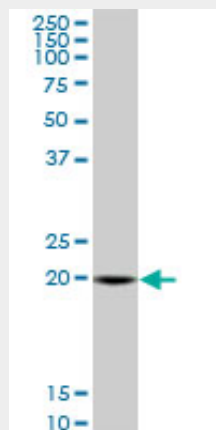
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

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

SAR1A Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (47.52 KDa) .



SAR1A monoclonal antibody (M01), clone 3G5. Western Blot analysis of SAR1A expression in Jurkat (Cat # AT3772a)

SAR1A Antibody (monoclonal) (M01) - References

Maternal genes and facial clefts in offspring: a comprehensive search for genetic associations in two population-based cleft studies from Scandinavia. Jugessur A, et al. PLoS One, 2010 Jul 9. PMID 20634891. Sar1 assembly regulates membrane constriction and ER export. Long KR, et al. J Cell Biol, 2010 Jul 12. PMID 20624903. Sar1-dependent trafficking of the human calcium receptor to the cell surface. Zhuang X, et al. Biochem Biophys Res Commun, 2010 Jun 11. PMID 20457124. Sar1-GTPase-dependent ER exit of KATP channels revealed by a mutation causing congenital hyperinsulinism. Taneja TK, et al. Hum Mol Genet, 2009 Jul 1. PMID 19357197. Intracellular trafficking and assembly of specific Kir3 channel/G protein complexes. Robitaille M, et al. Cell Signal, 2009 Apr. PMID 19135528.