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ARHGDIA Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a full length recombinant ARHGDIA.
Catalog # AT1182a

Product Information

Application	WB, E
Primary Accession	P52565
Other Accession	BC016031
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	1G5-2F3
Calculated MW	23207

Additional Information

Gene ID	396
Other Names	Rho GDP-dissociation inhibitor 1, Rho GDI 1, Rho-GDI alpha, ARHGDIA, GDIA1
Target/Specificity	ARHGDIA (AAH16031, 1 a.a. ~ 204 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	ARHGDIA Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

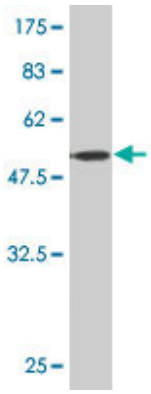
Background

Aplysia Ras-related homologs (ARHs), also called Rho genes, belong to the RAS gene superfamily encoding small guanine nucleotide exchange (GTP/GDP) factors. The ARH proteins may be kept in the inactive, GDP-bound state by interaction with GDP dissociation inhibitors, such as ARHGDIA (Leffers et al., 1993 [PubMed 8262133]).

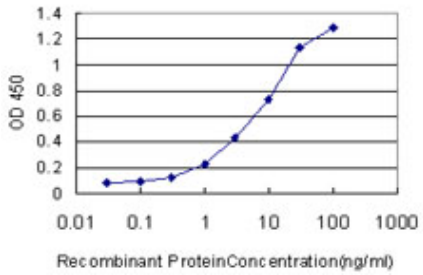
References

1.Comparative proteomic analysis on human L-02 liver cells treated with varying concentrations of trichloroethyleneLiu J, Huang H, Xing X, Xi R, Zhuang Z, Yuan J, Yang F, Zhao J.Toxicol Ind Health. 2007 Mar;23(2):91-101.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (48.18 KDa) .



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

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