

RALBP1 Antibody (monoclonal) (M02)**Mouse monoclonal antibody raised against a full length recombinant RALBP1.****Catalog # AT3555a****Specification**

RALBP1 Antibody (monoclonal) (M02) - Product Information

Application	WB, IP, E
Primary Accession	Q15311
Other Accession	BC013126
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	76063

RALBP1 Antibody (monoclonal) (M02) - Additional Information**Gene ID** 10928**Other Names**

RalA-binding protein 1, RalBP1, 76 kDa Ral-interacting protein, Dinitrophenyl S-glutathione ATPase, DNP-SG ATPase, Ral-interacting protein 1, RALBP1, RLIP1, RLIP76

Target/Specificity

RALBP1 (AAH13126.1, 1 a.a. ~ 655 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IP~~N/A

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

RALBP1 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

RALBP1 Antibody (monoclonal) (M02) - Protocols

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

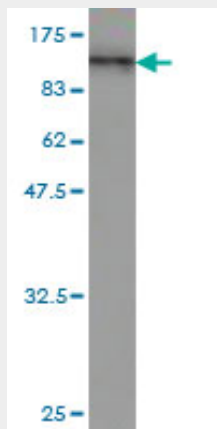
- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

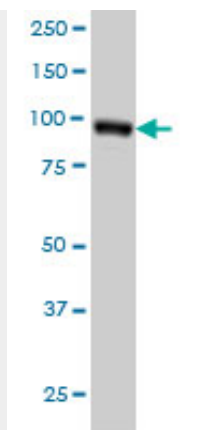
RALBP1 Antibody (monoclonal) (M02) - Images



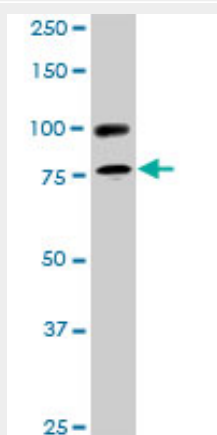
Immunoprecipitation of RALBP1 transfected lysate using anti-RALBP1 monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with RALBP1 MaxPab rabbit polyclonal antibody.



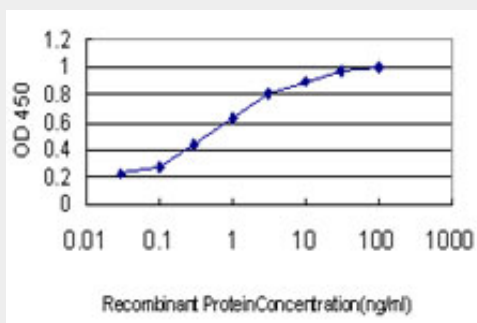
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (97.79 KDa) .



RALBP1 monoclonal antibody (M02), clone 2A1 Western Blot analysis of RALBP1 expression in HeLa (Cat # AT3555a)



RALBP1 monoclonal antibody (M02), clone 2A1. Western Blot analysis of RALBP1 expression in C32 (Cat # AT3555a)



Detection limit for recombinant GST tagged RALBP1 is approximately 0.03ng/ml as a capture antibody.

RALBP1 Antibody (monoclonal) (M02) - References

1. Dual effects of Ral-activated pathways on p27 localization and TGF- β signaling. Tazat K, Harsat M, Goldshmid-Shagal A, Ehrlich M, Henis Y. *Mol Biol Cell*. 2013 Jun;24(11):1812-24. doi: 10.1091/mbc.E13-01-0007. Epub 2013 Apr 10.
2. The RalB Small GTPase Mediates Invadopodia Formation Through a GTPase Activating Protein-independent Function of the RalBP1/RLIP76 Effector. Neel NF, Rossman KL, Martin TD, Hayes TK, Yeh JJ, Der CJ. *Mol Cell Biol*. 2012 Feb 13. [Epub ahead of print]
3. Dynamics of the subcellular localization of RalBP1/RLIP through the cell cycle: the role of targeting signals and of protein-protein interactions. Fillatre J, Delacour D, Van Hove L, Bagarre T, Houssin N, Soulika M, Veitia RA, Moreau J. *FASEB J*. 2012 Feb 8. [Epub ahead of print]

print]4.Ras-Related Small GTPases RalA and RalB Regulate Cellular Survival After Ionizing Radiation.Kidd AR 3rd, Snider JL, Martin TD, Graboski SF, Der CJ, Cox AD.Int J Radiat Oncol Biol Phys. 2010 Jul 7. [Epub ahead of print]5.Mass spectroscopic phosphoprotein mapping of Ral binding protein 1 (RalBP1/Rip1/RLIP76).Herlevsen MC, Theodorescu D.Biochem Biophys Res Commun. 2007 Oct 12;362(1):56-62. Epub 2007 Aug 8.6.Expression of Ral GTPases, Their Effectors, and Activators in Human Bladder Cancer.Smith SC, Oxford G, Baras AS, Owens C, Havaleshko D, Brautigan DL, Safo MK, Theodorescu D.Clin Cancer Res. 2007 Jul 1;13(13):3803-13.