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TPR Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant TPR.
Catalog # AT4324a

Specification

TPR Antibody (monoclonal) (M01) - Product Information

Application	**WB, IHC, E**
Primary Accession	P12270
Other Accession	NM_003292
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Kappa**
Calculated MW	**267293**

TPR Antibody (monoclonal) (M01) - Additional Information

Gene ID 7175

Other Names
Nucleoprotein TPR, Megator, NPC-associated intranuclear protein, Translocated promoter region protein, TPR

Target/Specificity
TPR (NP_003283, 1 a.a. ~ 98 a.a) partial 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
TPR Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

TPR Antibody (monoclonal) (M01) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot

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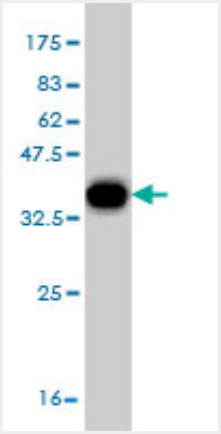
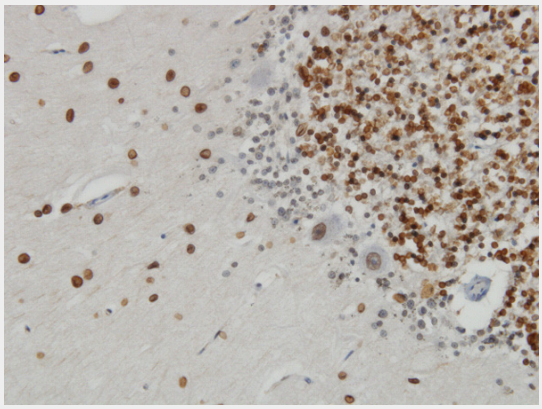
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

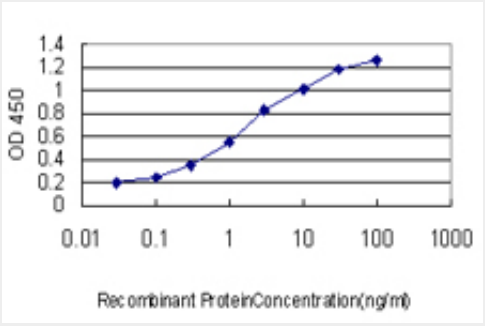
TPR Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.52 KDa) .



Immunoperoxidase of monoclonal antibody to TPR on formalin-fixed paraffin-embedded human cerebellum. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged TPR is approximately 0.1ng/ml as a capture antibody.

TPR Antibody (monoclonal) (M01) - Background

This gene encodes a large coiled-coil protein that forms intranuclear filaments attached to the

inner surface of nuclear pore complexes (NPCs). The protein directly interacts with several components of the NPC. It is required for the nuclear export of mRNAs and some proteins. Oncogenic fusions of the 5' end of this gene with several different kinase genes occur in some neoplasias.

TPR Antibody (monoclonal) (M01) - References

1.Herpes Simplex Virus Replication: Roles of Viral Proteins and Nucleoporins in Capsid-Nucleus Attachment.Copeland AM, Newcomb WW, Brown JC.J Virol. 2009 Feb;83(4):1660-8. Epub 2008 Dec 10.2.Quantitative Analysis of HIV-1 Infected CD4+ Cell Proteome: Dysregulated Cell Cycle Progression and Nuclear Transport Coincide with Robust Virus Production.Chan EY, Qian WJ, Diamond DL, Liu T, Gritsenko MA, Monroe ME, Camp DG 2nd, Smith RD, Katze MG.J Virol. 2007 Jul;81(14):7571-83. Epub 2007 May 9.