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NR4A2 Antibody (monoclonal) (M07)

Mouse monoclonal antibody raised against a partial recombinant NR4A2.
Catalog # AT3107a

Product Information

Application	WB, IF, E
Primary Accession	P43354
Other Accession	BC066890
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	4A6
Calculated MW	66591

Additional Information

Gene ID	4929
Other Names	Nuclear receptor subfamily 4 group A member 2, Immediate-early response protein NOT, Orphan nuclear receptor NURR1, Transcriptionally-inducible nuclear receptor, NR4A2, NOT, NURR1, TINUR
Target/Specificity	NR4A2 (AAH66890, 71 a.a. ~ 170 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 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	NR4A2 Antibody (monoclonal) (M07) is for research use only and not for use in diagnostic or therapeutic procedures.

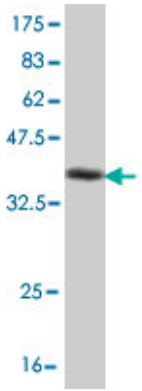
Background

This gene encodes a member of the steroid-thyroid hormone-retinoid receptor superfamily. The encoded protein may act as a transcription factor. Mutations in this gene have been associated with disorders related to dopaminergic dysfunction, including Parkinson disease, schizophernia, and manic depression. Misregulation of this gene may be associated with rheumatoid arthritis. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.

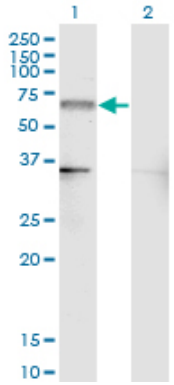
References

1.Neural differentiation potential of human bone marrow-derived mesenchymal stromal cells: misleading marker gene expression.Montzka K, Lassonczyk N, Tschoke B, Neuss S, Fuhrmann T, Franzen R, Smeets R, Brook GA, Woltje M.BMC Neurosci. 2009 Mar 3;10:16.

Images

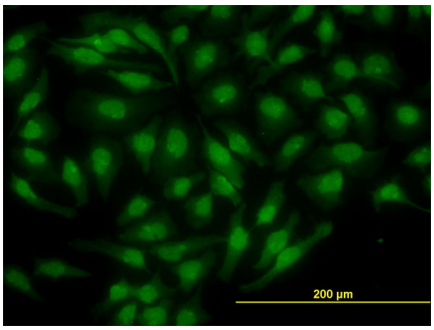


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.63 KDa) .

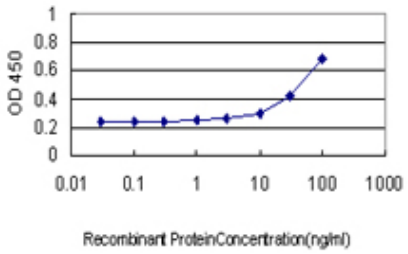


Western Blot analysis of NR4A2 expression in transfected 293T cell line by NR4A2 monoclonal antibody (M07), clone 4A6.

Lane 1: NR4A2 transfected lysate (Predicted MW: 66.6 KDa).
Lane 2: Non-transfected lysate.



Immunofluorescence of monoclonal antibody to NR4A2 on HeLa cell. [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged NR4A2 is approximately 3ng/ml as a capture antibody.

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