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# NR1H2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant NR1H2.
Catalog # AT3096a

## Product Information

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|---|---|
| **Application** | WB, E |
| **Primary Accession** | P55055 |
| **Other Accession** | BC007790 |
| **Reactivity** | Human |
| **Host** | mouse |
| **Clonality** | monoclonal |
| **Isotype** | IgG2a Kappa |
| **Clone Names** | 2H2-H3 |
| **Calculated MW** | 50974 |

## Additional Information

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|---|---|
| **Gene ID** | 7376 |
| **Other Names** | Oxysterols receptor LXR-beta, Liver X receptor beta, Nuclear receptor NER, Nuclear receptor subfamily 1 group H member 2, Ubiquitously-expressed nuclear receptor, NR1H2, LXRB, NER, UNR |
| **Target/Specificity** | NR1H2 (AAH07790.1, 1 a.a. ~ 461 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** | NR1H2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures. |

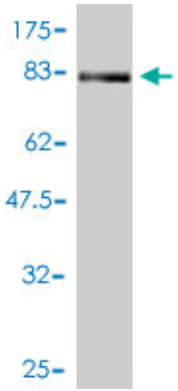
## Background

The liver X receptors, LXRA (NR1H3; MIM 602423) and LXRB, form a subfamily of the nuclear receptor superfamily and are key regulators of macrophage function, controlling transcriptional programs involved in lipid homeostasis and inflammation. The inducible LXRA is highly expressed in liver, adrenal gland, intestine, adipose tissue, macrophages, lung, and kidney, whereas LXRB is ubiquitously expressed. Ligand-activated LXRs form obligate heterodimers with retinoid X receptors (RXRs; see MIM 180245) and regulate expression of target genes containing LXR response elements (summary by Korf et al., 2009 [PubMed 19436111]).

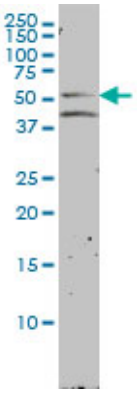
## References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.LXR activation inhibits chemokine-induced CD4-positive lymphocyte migration. Walcher D, et al. Basic Res Cardiol, 2010 Jul. PMID 20364260.Regulation of thyroid hormone activation via the liver X-receptor/retinoid X-receptor pathway. Christoffolete MA, et al. J Endocrinol, 2010 May. PMID 20176747.GPS2-dependent corepressor/SUMO pathways govern anti-inflammatory actions of LRH-1 and LXRbeta in the hepatic acute phase response. Venteclef N, et al. Genes Dev, 2010 Feb 15. PMID 20159957.Integrative predictive model of coronary artery calcification in atherosclerosis. McGeachie M, et al. Circulation, 2009 Dec 15. PMID 19948975.

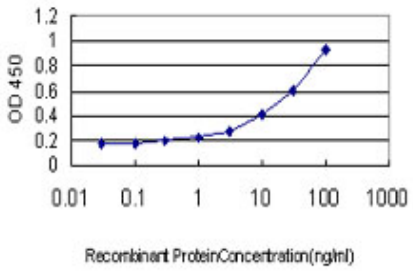
## Images




Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (76.45 KDa) .




NR1H2 monoclonal antibody (M01), clone 2H2-H3 Western Blot analysis of NR1H2 expression in LNCaP ( (Cat # AT3096a )




Detection limit for recombinant GST tagged NR1H2 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'.