

Product Datasheet

NR4A3/NOR1 Antibody (1E11) - Azide and BSA Free H00008013-M06

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00008013-M06

NR4A3/NOR1 Antibody (1E11) - Azide and BSA Free

Product Information

Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1E11
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description

Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	8013
Gene Symbol	NR4A3
Species	Human
Immunogen	NR4A3 (NP_008912, 414 a.a. ~ 521 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. LDYSRYCPTDQAAAGTDAEHVQQFYNNLTASIDVSRSWAEKIPGFTDLPKEDQ TLLIESAFLELFVLRLSIRSNTAEDKFVFCNGLVLHRLQLRGFGEWLDSIKDFS
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

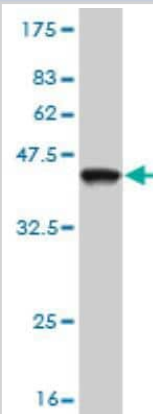
Product Application Details

Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Sandwich ELISA
Application Notes	This antibody reactivity against cell lysate and recombinant protein for WB. It has been useful for IF and ELISA. IHC usage reported in scientific literature (PMID: 23390133).

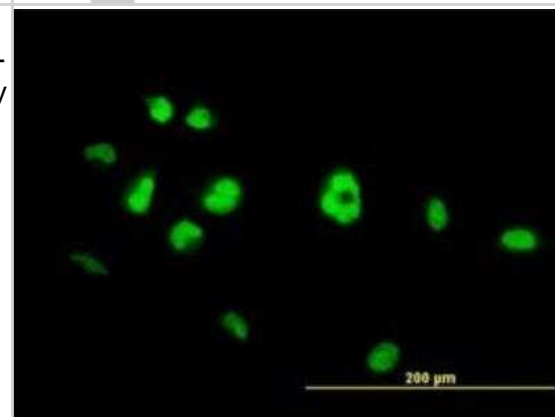


Images

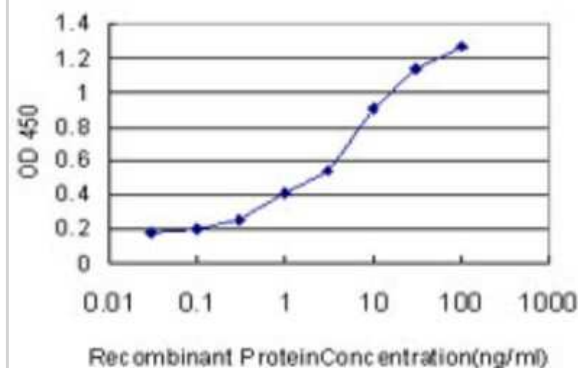
Western Blot: NR4A3/NOR1 Antibody (1E11) [H00008013-M06] - Western Blot detection against Immunogen (37.62 KDa).



Immunocytochemistry/Immunofluorescence: NR4A3/NOR1 Antibody (1E11.) [H00008013-M06] - NR4A3/NOR1 Antibody (1E11) [H00008013-M06] - Analysis of monoclonal antibody to NR4A3 on HeLa cell. Antibody concentration 10 ug/ml



Sandwich ELISA: NR4A3/NOR1 Antibody (1E11) [H00008013-M06] - Detection limit for recombinant GST tagged NR4A3 is approximately 0.1ng/ml as a capture antibody.



Publications

Ballester-Servera C, Cañes L, Alonso J et al. Upregulation of NOR-1 in calcified human vascular tissues: impact on osteogenic differentiation and calcification Translational research : the journal of laboratory and clinical medicine 2023 -09-09 [PMID: 37690706]

Maria J, Cristina R, Laia C et al. CD69-oxLDL ligand engagement induces Programmed Cell Death 1 (PD-1) expression in human CD4 + T lymphocytes. Cell Mol Life Sci. 2022-08-05 [PMID: 35930205]

Alonso J, Canes L, Garcia-Redondo AB et al. The nuclear receptor NOR-1 modulates redox homeostasis in human vascular smooth muscle cells J. Mol. Cell. Cardiol. 2018-08-07 [PMID: 30096407]

Alonso J, Galan M, Marti-Pamies I et al. NOR-1/NR4A3 regulates the cellular inhibitor of apoptosis 2 (cIAP2) in vascular cells: role in the survival response to hypoxic stress. Sci Rep 2016-09-22 [PMID: 27654514]

Ferran B, Marti-Pamies I, Alonso J et al. The nuclear receptor NOR-1 regulates the small muscle protein, X-linked (SMPX) and myotube differentiation. Sci Rep 2016-05-16 [PMID: 27181368] (WB)

Rodriguez-Calvo R, Guadall A, Calvayrac O et al. Over-expression of neuron-derived orphan receptor-1 (NOR-1) exacerbates neointimal hyperplasia after vascular injury. Hum Mol Genet. 2013-05-15 [PMID: 23390133] (IF/IHC, ICC, WB)



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Products Related to H00008013-M06

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00008013-Q01-10ug	Recombinant Human NR4A3/NOR1 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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