Rabbit Rev-Erbalpha/NR1D1 Polyclonal Antibody | anti-NR1D1 antibody

Rev-Erbalpha/NR1D1 Rabbit pAb

CATALOG #	HOST	APPLICATIONS
AAA28372	**Rabbit**	**Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA**

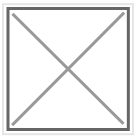
PRODUCT SYNONYMS

Rev-Erbalpha/NR1D1; Polyclonal Antibody; Rev-Erbalpha/NR1D1 Rabbit pAb; NR1D1; EAR1; THRA1; THRAL; ear-1; hRev; nuclear receptor subfamily 1 group D member 1; anti-NR1D1 antibody

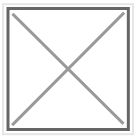
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-NR1D1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA
Application Notes	WB 1:500 - 1:2000 IHC-P 1:50 - 1:200 IF/ICC 1:50 - 1:200
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 280-360 of human Rev-Erb?/NR1D1 (NP_068370.1).
Species Reactivity/Cross Reactivity	Human,Mouse,Rat
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

IMAGES



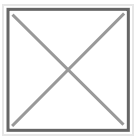
IF (Immunofluorescence)
Immunofluorescence analysis of PC-12 cells using Rev-Erbα/NR1D1 Rabbit pAb at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



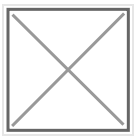
IF (Immunofluorescence)
Immunofluorescence analysis of NIH/3T3 cells using Rev-Erbα/NR1D1 Rabbit pAb at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat liver using Rev-Erbα/NR1D1 antibody at dilution of 1:100 (40x lens).

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse brain using Rev-Erbα/NR1D1 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of lysates from Rat lung, using Rev-Erbα/NR1D1 Rabbit pAb at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 180s.



WB (Western Blot)
Western blot analysis of lysates from HepG2 cells, using Rev-Erbα/NR1D1 Rabbit pAb at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 180s

ADDITIONAL INFORMATION

Related Product Information for anti-NR1D1 antibody	Background: This gene encodes a transcription factor that is a member of the nuclear receptor subfamily 1. The encoded protein is a ligand-sensitive transcription factor that negatively regulates the expression of core clock proteins. In particular this protein represses the circadian clock transcription factor aryl hydrocarbon receptor nuclear translocator-like protein 1 (ARNTL). This protein may also be involved in regulating genes that function in metabolic, inflammatory and cardiovascular processes.
Product Categories/Family for anti-NR1D1 antibody	Epigenetics & Nuclear Signaling; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	119100
NCBI GeneID	9572
UniProt Accession #	P20393; Q0P5Z4; Q15304
Molecular Weight	Observed MW: 78kDa alculated MW: 67kDa
NCBI Official Full Name	Nuclear receptor subfamily 1 group D member 1
NCBI Official Synonym Full Names	nuclear receptor subfamily 1, group D, member 1
NCBI Official Symbol	NR1D1
NCBI Official Synonym Symbols	EAR1; hRev; THRA1; THRAL; ear-1
NCBI Protein Information	nuclear receptor subfamily 1 group D member 1; Rev-ErbAalpha; rev-erbA-alpha; V-erbA-related protein 1; nuclear receptor Rev-ErbA-alpha
UniProt Protein Name	Nuclear receptor subfamily 1 group D member 1
UniProt Gene Name	**NR1D1**
UniProt Synonym Gene Names	EAR1; HREV; THRAL; EAR-1
UniProt Entry Name	NR1D1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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