

Rabbit anti-Human Rev-Erbalpha/NR1D1 Monoclonal Antibody | anti-NR1D1 antibody

Rev-Erbalpha/NR1D1 Rabbit mAb

CATALOG # AAA282851	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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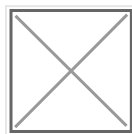
PRODUCT SYNONYMS

Rev-Erbalpha/NR1D1; Monoclonal Antibody; Rev-Erbalpha/NR1D1 Rabbit mAb; EAR1; hRev; THRA1; THRAL; ear-1; REVERBA; REVERBalpha; anti-NR1D1 antibody

PRODUCT SPECIFICATIONS

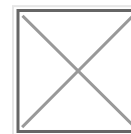
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	SPEPTVEDVI SQVARAHREI FTYAHDKLGS SPGNFNANHA SGSPATTPH RWENQGCPPA PNDNNTLAAQ RHNEALNGLR Q
Applicable Applications for anti-NR1D1 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 280-360 of human Rev-Erbalpha/NR1D1 (NP_068370.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



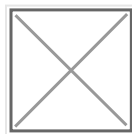
WB (Western Blot)

Western blot analysis of lysates from HepG2 cells, using Rev-Erb α /NR1D1 Rabbit mAb (AAA282851) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



WB (Western Blot)

Western blot analysis of various lysates using Rev-Erb α /NR1D1 Rabbit mAb (AAA282851) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



WB (Western Blot)

Western blot analysis of lysates from Mouse liver, using Rev-Erb α /NR1D1 Rabbit mAb (AAA282851) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-NR1D1 antibody	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; Nuclear Receptor Signaling; Signal Transduction; Cell Biology Developmental Biology; Growth factors; Endocrine Metabolism; Neuroscience; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	119100
NCBI GeneID	9572
UniProt Accession #	P20393; Q0P5Z4; Q15304
Molecular Weight	Calculated MW: 67kDa Observed MW: 75kDa
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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Online datasheet: <https://stage.aaabiotech.com/monoclonal/rev-erbalpha-nr1d1-antibody-western-blot-elisa/282851>