

## Rev-erba rabbit pAb

Cat No.:ES8065

For research use only

## Overview

**Product Name** Rev-erbα rabbit pAb

Host species Rabbit
Applications WB;IHC

**Species Cross-Reactivity** Human; Rat; Mouse;

Recommended dilutions WB 1:500-2000;IHC-p 1:50-300

**Immunogen** Synthesized peptide derived from Rev-erbα . at AA

range: 350-430

Specificity Rev-erbα Polyclonal Antibody detects endogenous

levels of Rev-erbα protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Nuclear receptor subfamily 1 group D member 1

Gene Name NR1D1

Cellular localization Nucleus . Cytoplasm . Cell projection, dendrite . Cell

projection, dendritic spine. Localizes to the cytoplasm, dendrites and dendritic spine in the presence of OPHN1. Localizes predominantly to the nucleus at ZT8 whereas it is cytoplasmic at ZT20.

Phosp

**Purification** The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 67kD
Human Gene ID 9572
Human Swiss-Prot Number P20393

Alternative Names NR1D1; EAR1; HREV; THRAL; Nuclear receptor

subfamily 1 group D member 1; Rev-erbA-alpha;

V-erbA-related protein 1; EAR-1

**Background** This gene encodes a transcription factor that is a

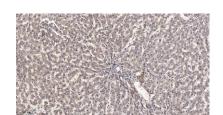
member of the nuclear receptor subfamily 1. The



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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. [provided by RefSeq, Jan 2013],



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Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

