

# Rev-erb $\alpha$ (phospho-Ser55/59) rabbit pAb

Cat No.:ES13420

For research use only

## Overview

Product Name	Rev-erb $\alpha$ (phospho-Ser55/59) 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 phospho peptide around human Rev-erb $\alpha$ (Ser55 and 59)
Specificity	This antibody detects endogenous levels of Human Rev-erb $\alpha$ (phospho-Ser55 or 59)
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	Rev-erb $\alpha$ (Ser55/59)
Gene Name	NR1D1 EAR1 HREV THRAL
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	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 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],

Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 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).

