

For Research Use Only

RORB Recombinant antibody

Catalog Number: 85404-4-RR



Basic Information

Catalog Number: 85404-4-RR	GenBank Accession Number: BC051830	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 6096	CloneNo.: 242832D9
Source: Rabbit	UNIPROT ID: Q92753	Recommended Dilutions: WB: 1:5000-1:15000
Isotype: IgG	Full Name: RAR-related orphan receptor B	
Immunogen Catalog Number: AG11910	Calculated MW: 459 aa, 52 kDa	
	Observed MW: 52 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse retina tissue, rat retina tissue
Species Specificity: human, mouse, rat	

Background Information

Nuclear receptors (NRs) are a large group of ligand-inducible transcription factors that regulate many facets of mammalian Physiology (PMID: 22189870). In addition, NRs that lack identified ligands are termed orphan receptors. RORB is a transcription factor and belongs to the nuclear receptor family (PMID: 7935491), which shares a common modular structure composed of a transactivation domain, a DNA-binding domain, and a ligand-binding. Its function as the transcriptional factor is regulated by small lipophilic molecules, such as steroid hormones, vitamin D, retinoic acids, and thyroid hormone (PMID: 17431400).

Storage

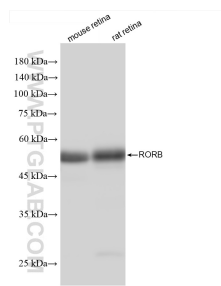
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

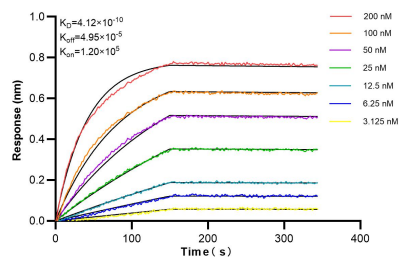
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85404-4-RR (RORB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 85404-4-RR against Human RORB were performed. The affinity constant is 0.412 nM.