

## anti- RORB antibody

### Product Information

Catalog No.:	FNab07388
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

Nuclear receptor that binds DNA as a monomer to ROR response elements(RORE) containing a single core motif half-site 5'-AGGTCA-3' preceded by a short A-T-rich sequence. Considered to have intrinsic transcriptional activity, have some natural ligands such as all-trans retinoic acid(ATRA) and other retinoids which act as inverse agonists repressing the transcriptional activity. Required for normal postnatal development of rod and cone photoreceptor cells.Modulates rod photoreceptors differentiation at least by inducing the transcription factor NRL-mediated pathway. In cone photoreceptor cells, regulates transcription of OPN1SW. Involved in the regulation of the period length and stability of the circadian rhythm.May control cytoarchitectural patterning of neocortical neurons during development.May act in a dose-dependent manner to regulate barrel formation upon innervation of layer IV neurons by thalamocortical axons. May play a role in the suppression of osteoblastic differentiation through the inhibition of RUNX2 transcriptional activity(By similarity). Isoform 1 is critical for hindlimb motor control and for the differentiation of amacrine and horizontal cells in the retina. Regulates the expression of PTF1A synergistically with FOXN4(By similarity).

### Immunogen information

Immunogen:	RAR-related orphan receptor B
Synonyms:	NR1F2, RZRB

### Wuhan Fine Biotech Co., Ltd.

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Observed MW: 52 kDa  
UniprotID : Q92753

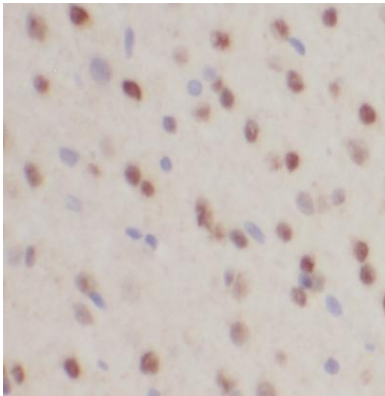
### Application

Reactivity: Human, Mouse, Rat

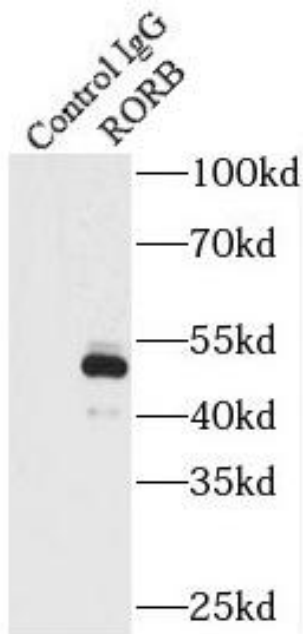
Tested Application: ELISA, WB, IHC, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded mouse brain tissue slide using FNab07388(RORB Antibody) at dilution of 1:200



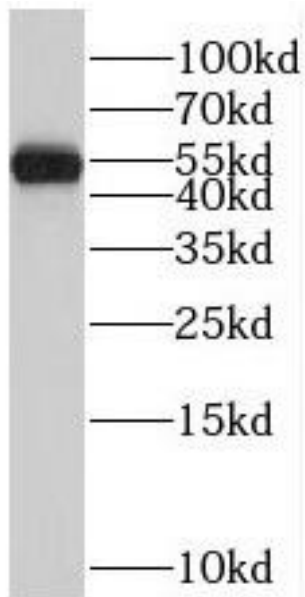
IP Result of anti-RORB (IP:FNab07388, 4ug; Detection:FNab07388 1:300) with mouse brain tissue lysate 3440ug.

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Y79 cells were subjected to SDS PAGE followed by western blot with FNab07388(RORB antibody) at dilution of 1:800