

Anti-ROR beta Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat (predicted:Human,Dog,Cow,Horse,Sheep)
Molecular Weight:	Theoretical: 53 kDa. Actual: 53 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Sample: cerebum (Mouse) Lysate at 40 µg Primary: Anti-ROR beta (TMAB-12343) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 53 kD Observed band size: 53 kD
	2. Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (ROR beta) Polyclonal Antibody, Unconjugated (TMAB-12343) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
Application:	3. Sample: Eye (Mouse) Lysate at 40 µg Eye (Rat) Lysate at 40 µg Cerebellum (Mouse) Lysate at 40 µg Cerebellum (Rat) Lysate at 40 µg Uterus (Mouse) Lysate at 40 µg Primary: Anti-ROR beta (TMAB-12343) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 53 kD Observed band size: 53 kD
	WB
Recommended	WB=1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human RORB
Antigen Species: Human
Gene ID: 6096
Uniprot ID: Q92753

Research Background

ROR beta is a member of the NR1 subfamily of nuclear hormone receptors. It is a DNA-binding protein that can bind as a monomer or as a homodimer to hormone response elements upstream of several genes to enhance the expression of those genes. The specific functions of this protein are not known, but it has been shown to interact with NM23-2, a nucleoside diphosphate kinase involved in organogenesis and differentiation.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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