

Anti-RAR alpha Polyclonal Antibody 2

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep)
Molecular Weight:	Theoretical: 51 kDa. Actual: 60 kDa.
Purification:	Protein A purified

Applications

Sample:	Lane 1: MCF-7 (Human) Cell Lysate at 30 µg Lane 2: U-2OS (Human) Cell Lysate at 30 µg Lane 3: SH-SY5Y (Human) Cell Lysate at 30 µg
Verified Activity:	Lane 4: A549 (Human) Cell Lysate at 30 µg Primary: Anti-RAR alpha (TMAB-12093) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 60 kD Observed band size: 60 kD
Application:	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 RAR alpha
Antigen Species:	Human
Gene ID:	5914
Uniprot ID:	P10276

Research Background

Retinoic acid receptor alpha (RAR-alpha) is a receptor for retinoic acid. This metabolite has profound effects on vertebrate development. Retinoic acid is a morphogen and is a powerful teratogen. This receptor controls cell function by directly regulating gene expression. Subunit: Interacts with CDK7 (By similarity). Interacts with NCOA3 and NCOA6 coactivators, leading to a strong increase of transcription of target genes.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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