

RXRA Rabbit pAb

CatalogNo: YN0018

Orthogonal Validated 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat, Bovine, Duck

Applications

- WB, ELISA

MW

- 50kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000**ELISA 1:5000-20000**

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

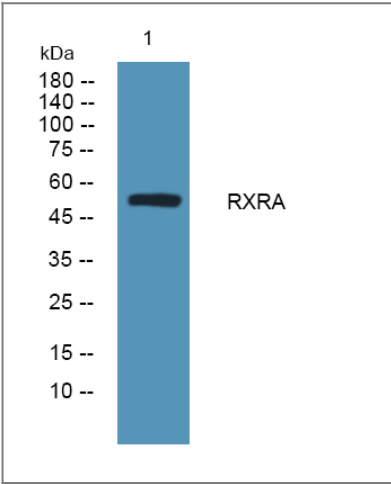
Immunogen Synthesized peptide derived from human protein . at AA range: 200-280**Specificity** RXRA Polyclonal Antibody detects endogenous levels of protein.

Target Information

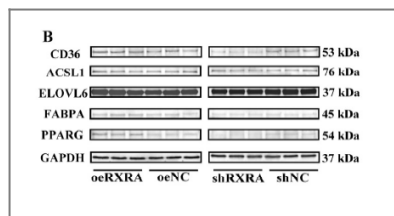
Gene name RXRA NR2B1

Protein Name	Retinoic acid receptor RXR-alpha (Nuclear receptor subfamily 2 group B member 1) (Retinoid X receptor alpha)		
	Organism	Gene ID	UniProt ID
	Human	6256 ;	P19793 ;
	Mouse		P28700 ;
	Rat		Q05343 ;
Cellular Localization	Nucleus . Cytoplasm . Mitochondrion . Localization to the nucleus is enhanced by vitamin D3 (PubMed:15509776). Nuclear localization may be enhanced by the interaction with heterodimerization partner VDR (PubMed:12145331). Translocation to the mitochondrion upon interaction with NR4A1 (PubMed:17761950, PubMed:15509776). Increased nuclear localization upon pulsatile shear stress (PubMed:28167758). .		
Tissue specificity	Expressed in lung fibroblasts (at protein level) (PubMed:30216632). Expressed in monocytes (PubMed:26463675). Highly expressed in liver, also found in kidney and brain (PubMed:24275569, PubMed:2159111, PubMed:14702039).		
Function	Domain:Composed of three domains: a modulating N-terminal domain, a DNA-binding domain and a C-terminal steroid-binding domain.,Function:Nuclear hormone receptor. Involved in the retinoic acid response pathway. Binds 9-cis retinoic acid (9C-RA). ARF6 acts as a key regulator of the tissue-specific adipocyte P2 (aP2) enhancer.,online information:Retinoid X receptor entry,PTM:Sumoylated on Lys-108; which negatively regulates transcriptional activity. Desumoylated specifically by SENP6.,similarity:Belongs to the nuclear hormone receptor family.,similarity:Belongs to the nuclear hormone receptor family. NR2 subfamily.,similarity:Contains 1 nuclear receptor DNA-binding domain.,subunit:Homodimer or forms a heterodimer with peroxisome proliferator activated receptor gamma called adipocyte-specific transcription factor ARF6. Interacts with NCOA3 and NCOA6 coactivators, leading to a strong increase of transcription of target genes. Interacts with FAM120B (By similarity). Interacts with SFPQ. Interacts with HCV core protein. Interacts with PELP1. Interacts with SENP6. Interacts with DNTTIP2. Interacts with RNF8.,tissue specificity:Highly expressed in liver, also found in lung, kidney and heart.,		

| Validation Data



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4°over night



A Novel in Duck Myoblasts: The Transcription Factor Retinoid X Receptor Alpha (RXRA) Inhibits Lipid Accumulation by Promoting CD36 Expression
 INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES Zhaoyu Geng WB,IF
 Duck myoblasts (CS2 cells)

Contact information

Orders: order.cn@immunoway.com
 Support: support.cn@immunoway.com
 Telephone: 400-8787-807(China)
 Website: <http://www.immunoway.com.cn>
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code
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 product information:
RXRA Rabbit pAb

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