Retinoid X Receptor alpha Rabbit mAb

Catalog No: #49963

Package Size: #49963-1 50ul #49963-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

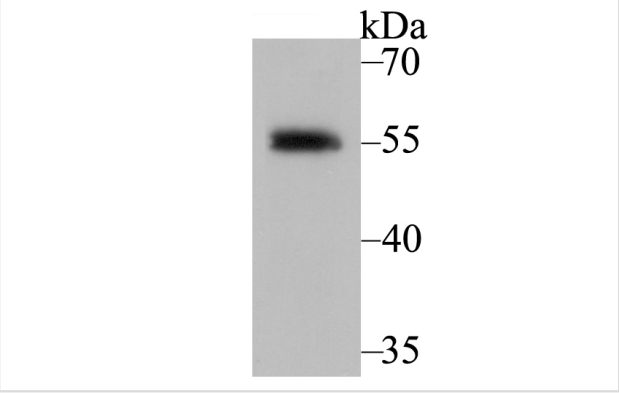
Description

Product Name	Retinoid X Receptor alpha Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JG99-38
Purification	ProA affinity purified
Applications	WB,ICC,IF,IHC,IP
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein corresponding to N-terminal human Retinoid X Receptor alpha.
Other Names	FLJ00280 antibody FLJ00318 antibody FLJ16020 antibody FLJ16733 antibody MGC102720 antibody NR2B1 antibody Nuclear receptor subfamily 2 group B member 1 antibody OTTHUMP00000022510 antibody Retinoic acid receptor RXR alpha antibody Retinoic acid receptor RXR-alpha antibody Retinoid X nuclear receptor alpha antibody Retinoid X receptor alpha antibody RXR alpha1 antibody Rxra antibody RXRA_HUMAN antibody RXRalpha1 antibody
Accession No.	Swiss-Prot#:P19793
Uniprot	P19793
GeneID	6256;
Calculated MW	51 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

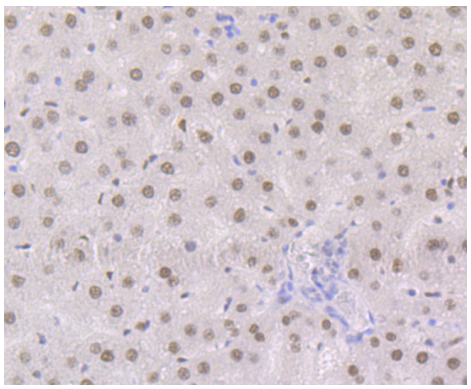
Application Details

WB: 1:1,000-5,000IHC: 1:50-1:200 ICC: 1:50-1:200 IP: 1:10-1:50

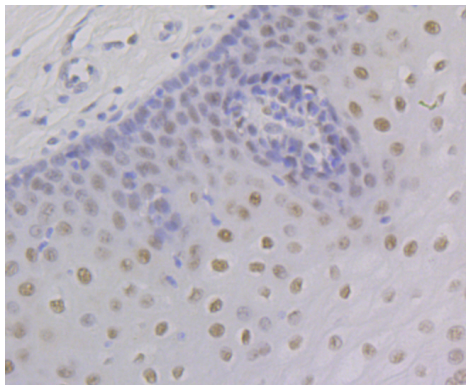
Images



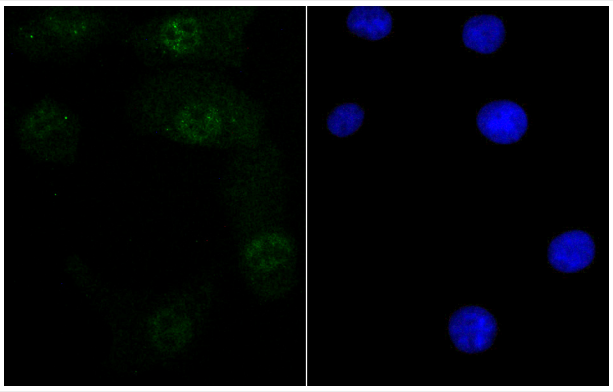
Western blot analysis of Retinoid X Receptor alpha on MCF-7 cell using anti-Retinoid X Receptor alpha antibody at 1/5,000 dilution.



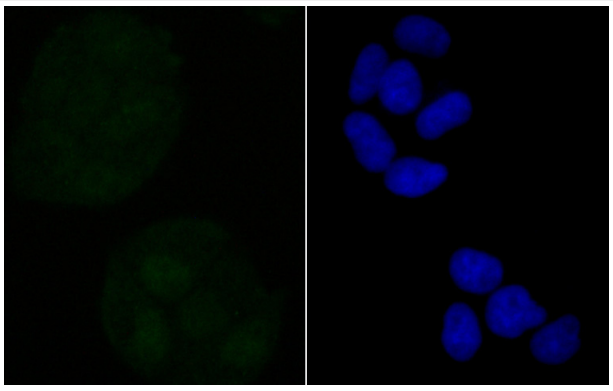
Immunohistochemical analysis of paraffin-embedded rat liver tissue using anti-Retinoid X Receptor alpha antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human esophagus tissue using anti-Retinoid X Receptor alpha antibody. Counter stained with hematoxylin.



ICC staining Retinoid X Receptor alpha in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Retinoid X Receptor alpha in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

Receptor for retinoic acid. Retinoic acid receptors bind as heterodimers to their target response elements in response to their ligands, all-trans or 9-cis retinoic acid, and regulate gene expression in various biological processes. The RAR/RXR heterodimers bind to the retinoic acid response elements (RARE) composed of tandem 5'-AGGTCA-3' sites known as DR1-DR5. The high affinity ligand for RXRs is 9-cis retinoic acid. RXRA serves as a common heterodimeric partner for a number of nuclear receptors. In the absence of ligand, the RXR-RAR heterodimers associate with a multiprotein complex containing transcription corepressors that induce histone acetylation, chromatin condensation and transcriptional suppression. On ligand binding, the corepressors dissociate from the receptors and associate with the coactivators leading to transcriptional activation. The RXRA/PPARA heterodimer is required for PPARA transcriptional activity on fatty acid oxidation genes such as ACOX1 and the P450 system genes.

References

Note: This product is for in vitro research use only