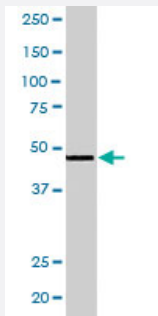


RXRG polyclonal antibody

Catalog # PAB6694 Size 100 ug

Applications



Western Blot (Tissue lysate)

RXRG polyclonal antibody (Cat # PAB6694) (0.3 ug/mL) staining of human brain lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of RXRG.
Immunogen	A synthetic peptide corresponding to human RXRG.
Sequence	RQRSRERAEESEAE
Host	Goat
Theoretical MW (kDa)	50.9
Reactivity	Human
Specificity	This antibody is expected to recognize human RXR gamma protein (hinge region) and does not cross-react with either RXR alpha or beta.
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.

Recommend Usage	ELISA (1:64000) Western Blot (0.3-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

RXRG polyclonal antibody (Cat # PAB6694) (0.3 ug/mL) staining of human brain lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — RXRG

Entrez GeneID	6258
Protein Accession#	NP_008848
Gene Name	RXRG
Gene Alias	NR2B3, RXRC
Gene Description	retinoid X receptor, gamma
Omim ID	180247
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the retinoid X receptor (RXR) family of nuclear receptors which are involved in mediating the antiproliferative effects of retinoic acid (RA). This receptor forms dimers with the retinoic acid, thyroid hormone, and vitamin D receptors, increasing both DNA binding and transcriptional function on their respective response elements. This gene is expressed at significantly lower levels in non-small cell lung cancer cells. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]
Other Designations	OTTHUMP00000060418 retinoic acid receptor RXR-gamma retinoid X receptor-gamma

Publication Reference

- [Regulation of dopaminergic pathways by retinoids: activation of the D2 receptor promoter by members of the retinoic acid receptor-retinoid X receptor family.](#)

Samad TA, Krezel W, Chambon P, Borrelli E.

PNAS 1997 Dec; 94(26):14349.

Pathway

- [Adipocytokine signaling pathway](#)
- [Non-small cell lung cancer](#)
- [Pathways in cancer](#)
- [PPAR signaling pathway](#)
- [Small cell lung cancer](#)
- [Thyroid cancer](#)

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Adenocarcinoma](#)
- [Alcoholism](#)
- [Alzheimer disease](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)

- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [HIV Seropositivity](#)
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