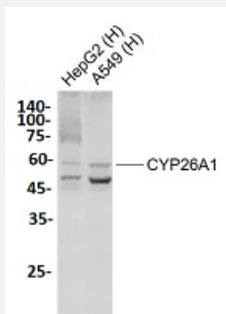


RecomAb™

CYP26A1 recombinant monoclonal antibody

Catalog # RAB02647 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis with SCGB1A1 recombinant monoclonal antibody (Cat # RAB02647) at 1:1000 dilution.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CYP26A1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant human CYP26A1:200-400/497.
Theoretical MW (kDa)	55
Reactivity	Human
Specificity	This antibody detects endogenous levels of CYP26A1 protein.
Form	Liquid
Purification	Protein A purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 0.01M TBS, pH7.4 (1% BSA, 0.03% Proclin300 and 50% Glycerol)

Storage Instruction

Store at 4°C short term.
Aliquot and store at -20°C long term.
Avoid freeze-thaw cycles.

Applications

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Gene Info — CYP26A1

Entrez GeneID [1592](#)

Protein Accession# [O43174](#)

Gene Name CYP26A1

Gene Alias CP26, CYP26, P450RAI, P450RAI1

Gene Description cytochrome P450, family 26, subfamily A, polypeptide 1

Omim ID [602239](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This endoplasmic reticulum protein acts on retinoids, including all-trans-retinoic acid (RA), with both 4-hydroxylation and 18-hydroxylation activities. This enzyme regulates the cellular level of retinoic acid which is involved in regulation of gene expression in both embryonic and adult tissues. Two alternatively spliced transcript variants of this gene, which encode the distinct isoforms, have been reported. [provided by RefSeq]

Other Designations OTTHUMP00000020102|OTTHUMP00000020103|P450, retinoic acid-inactivating, 1|cytochrome P450, subfamily XXVIA, polypeptide 1|retinoic acid 4-hydroxylase|retinoic acid-metabolizing cytochrome

Pathway

- [Retinol metabolism](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Dementia](#)
- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Kidney Diseases](#)
- [Meningomyelocele](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Schizophrenia](#)
- [Spinal Cord Diseases](#)
- [Spinal Dysraphism](#)
- [Vitamin A Deficiency](#)