

ARG64067 anti-CYP26B1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes CYP26B1
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Dog
Tested Application	FACS, IHC-P
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	CYP26B1
Species	Human
Immunogen	C-SQARSEDKDGRFH
Conjugation	Un-conjugated
Alternate Names	RHFGA; Retinoic acid-metabolizing cytochrome; P450RAI-2; P450RAI2; Cytochrome P450 26B1; Cytochrome P450 26A2; CYP26A2; Cytochrome P450RAI-2; Cytochrome P450 retinoic acid-inactivating 2; EC 1.14.-.-

Application Instructions

Application table	Application	Dilution
	FACS	10 µg/ml
	IHC-P	3 - 6 µg/ml

Application Note IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 56603 Human](#)

[Swiss-port # Q9NR63 Human](#)

Background

This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases that catalyze many reactions involved in drug metabolism and the synthesis of cholesterol, steroids and other lipids. The enzyme encoded by this gene is involved in the specific inactivation of all-trans-retinoic acid to hydroxylated forms, such as 4-oxo-, 4-OH-, and 18-OH-all-trans-retinoic acid. [provided by RefSeq, Jul 2008]

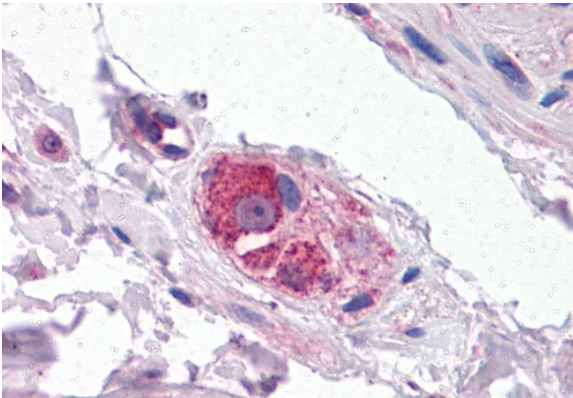
Research Area

Cell Biology and Cellular Response antibody; Metabolism antibody; Signaling Transduction antibody

Calculated Mw

58 kDa

Images



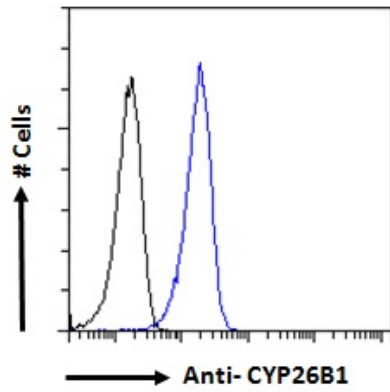
ARG64067 anti-CYP26B1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human small intestine tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64067 anti-CYP26B1 antibody at 3.75 µg/ml dilution followed by AP-staining.



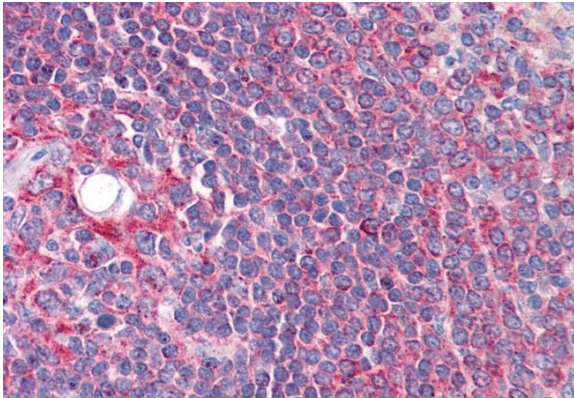
ARG64067 anti-CYP26B1 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Cerebellum. (Steamed antigen retrieval with Tris/EDTA buffer pH 9) stained with ARG64067 anti-CYP26B1 antibody at 4 µg/ml dilution followed by HRP-staining.



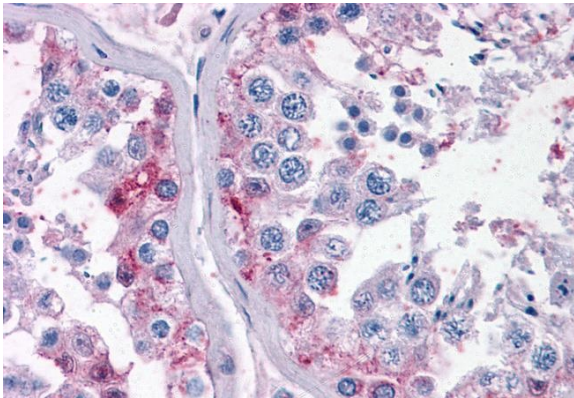
ARG64067 anti-CYP26B1 antibody FACS image

Flow Cytometry: Paraformaldehyde-fixed A431 cells permeabilized with 0.5% Triton. Cells were stained with ARG64067 anti-CYP26B1 antibody (blue line) at 10 $\mu\text{g}/\text{ml}$ dilution for 1 hour, followed by incubation with Alexa FluorR 488 labelled secondary antibody. IgG control: Unimmunized goat IgG (black line).



ARG64067 anti-CYP26B1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human spleen tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64067 anti-CYP26B1 antibody at 3.75 $\mu\text{g}/\text{ml}$ dilution followed by AP-staining.



ARG64067 anti-CYP26B1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human testis tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64067 anti-CYP26B1 antibody at 3.75 $\mu\text{g}/\text{ml}$ dilution followed by AP-staining.