



# CYP26B1 rabbit pAb

Cat No.:ES8540

For research use only

## Overview

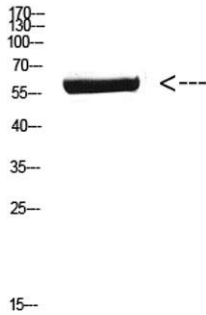
<b>Product Name</b>	CYP26B1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	WB 1:500-2000, ELISA 1:10000-20000
<b>Immunogen</b>	Synthetic peptide from human protein at AA range: 391-440
<b>Specificity</b>	The antibody detects endogenous CYP26B1 protein
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	cytochrome P450, family 26, subfamily B, polypeptide 1
<b>Gene Name</b>	CYP26B1 CYP26A2 P450RA12
<b>Cellular localization</b>	Endoplasmic reticulum membrane ; Peripheral membrane protein . Microsome membrane ; Peripheral membrane protein .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	60kD
<b>Human Gene ID</b>	56603
<b>Human Swiss-Prot Number</b>	Q9NR63
<b>Alternative Names</b>	CYP26B1 CYP26A2 P450RA12
<b>Background</b>	cytochrome P450 family 26 subfamily B member 1(CYP26B1) Homo sapiens This gene encodes a member of the cytochrome P450 superfamily. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. The encoded protein is localized to





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the endoplasmic reticulum, and functions as a critical regulator of all-trans retinoic acid levels by the specific inactivation of all-trans retinoic acid to hydroxylated forms. Mutations in this gene are associated with radiohumeral fusions and other skeletal and craniofacial anomalies, and increased levels of the encoded protein are associated with atherosclerotic lesions. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2013],



Western Blot analysis of mouse-brain cells using Antibody diluted at 800. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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