Product name:	CYP26B1 Rabbit Polyclonal Antibody
Cat number:	ABN09639
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Synthetic peptide from human protein at AA range: 391-440
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:2000,ELISA 1:10000-1:20000
Molecular Weight:	60kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	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 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],cofactor:Heme group.,enzyme regulation:Has a preferred activity toward the following substrates: all-trans-RA > 9-cis-RA > 13-cis-RA.,function:Plays a key role in retinoic acid metabolism. Involved in the specific inactivation of all-trans-retinoic acid (RA). Responsible for generation of several hydroxylated forms of RA, including 4-OH-RA, 4-oxo-RA, and 18-OH-RA.,induction:By retinoic acid.,similarity:Belongs to the cytochrome P450 family.,tissue specificity:Highly expressed in brain, particularly in the cerebellum and pons.,