

## CYP26C1 polyclonal antibody

Catalog: BS61083

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Cytochrome P450 proteins are heme-thiolate monooxygenases that mediate NADPH-dependent electron transport and function to oxidize a variety of structurally unrelated compounds, including steroids, fatty acids and xenobiotics. Specifically, cytochrome P450s are responsible for metabolizing arachidonic acid to hydroxyeicosatetraenoic acid (a regulator of blood pressure) and epoxyeicosatrienoic acid (a molecule involved in signaling events). CYP26C1 (cytochrome P450, family 26, subfamily C, polypeptide 1) is a 522 amino acid single-pass membrane protein expressed in most tissues at very low levels. Belonging to the cytochrome P450 family, CYP26C1 uses heme groups as cofactors and is induced by retinoic acid. CYP26C1 participates in the retinoic metabolism and acts on retinoids, including all-trans-retinoic acid (RA) and its stereoisomer, 9-cis-RA.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

### Molecular Weight:

~ 57 kDa

### Swiss-Prot:

Q6V0L0

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

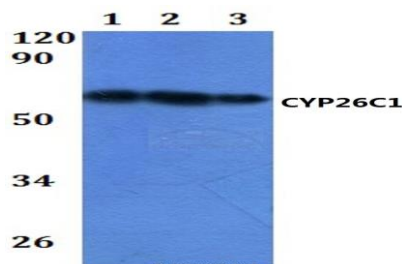
### Storage&Stability:

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

### Specificity:

CYP26C1 polyclonal antibody detects endogenous levels of CYP26C1 protein.

### DATA:



Western blot (WB) analysis of CYP26C1 polyclonal antibody at 1:500

dilution Lane1:HEK293T whole cell lysate

Lane2:RAW264.7 whole cell lysate

Lane3:H9C2 whole cell lysate

### Note:

For research use only, not for use in diagnostic procedure.

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