

## Goat anti-CYP26B1 Antibody

<b>Item Number</b>	dAP-0935
<b>Target Molecule</b>	Principle Name: CYP26B1; Official Symbol: CYP26B1; All Names and Symbols: CYP26B1; cytochrome P450, family 26, subfamily B, polypeptide 1; CYP26A2; DKFZp686G0638; MGC129613; P450RAI-2 ; cytochrome P450 retinoid metabolizing protein; cytochrome P450, family 26, subfamily b, polypeptide 1; retinoic acid-metabolizing cytochrome ; Accession Number (s): NP_063938.1; Human Gene ID(s): 56603; Non-Human GeneID(s): 232174 (mouse) 312495 (rat)
<b>Immunogen</b>	SQARSEDKDGRFH, is from internal region
<b>Applications</b>	Pep ELISA, IHC  Species Tested: Human, Mouse
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	Western Blot: Preliminary experiments gave an approx 85kDa band in human testis lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 57.5
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Cerebellum shows staining of cell bodies in the Molecular Layer. Recommended concentration, 4-6µg/ml.
<b>Reference</b>	Reference(s): Bowles J, Knight D, Smith C, Wilhelm D, Richman J, Mamiya S, Yashiro K, Chawengsak-sophak K, Wilson MJ, Rossant J, Hamada H, Koopman P. Retinoid signaling determines germ cell fate in mice. Science. 2006 Apr 28;312(5773):596-600. Epub 2006 Mar 30. .PMID: 16574820 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**