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Research Use Only. Not for diagnostic or therapeutic use.

EB07481 - Goat Anti-CYP26B1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 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 **Official Symbol:** CYP26B1

Accession Number(s): NP_063938.1; NP_001264671.1

Human GeneID(s): 56603

Non-Human GenelD(s): 232174 (mouse), 312495 (rat)

Immunogen

Peptide with sequence C-SQARSEDKDGRFH, from the internal region of the protein sequence according to NP_063938.1; NP_001264671.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

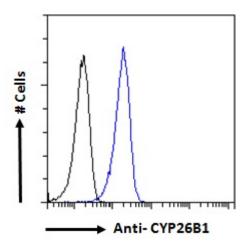
IHC: In paraffin embedded Human Cerebellum shows staining of cell bodies in the Molecular Layer. Recommended concentration: 4-6µg/ml. Paraffin embedded Human Small Intestine, Spleen and Testis. Recommended concentration: 3.75µg/ml.

Flow Cytometry: Flow cytometric analysis of A431 cells. Recommended concentration: 10ug/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog

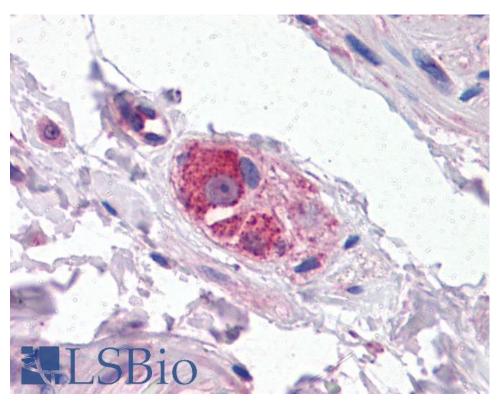


EB07481 Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control:

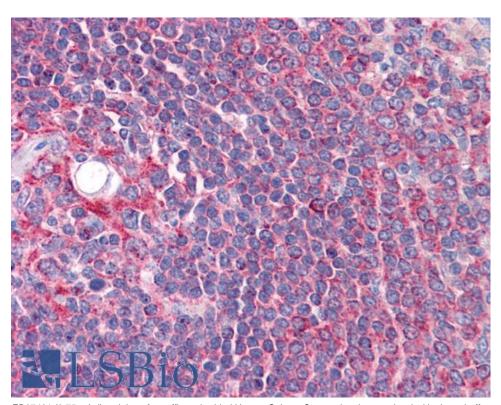
Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



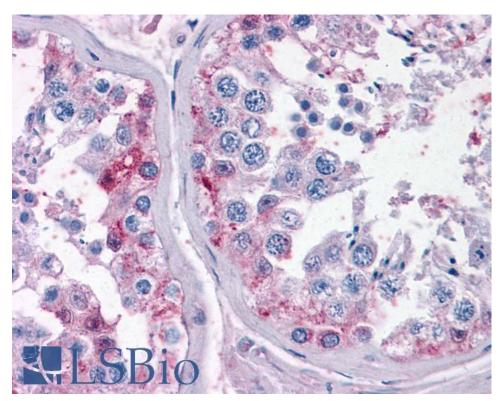
EB07481 ($4\mu g/ml$) staining of paraffin embedded Human Cerebellum. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.



EB07481 (3.75µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB07481 (3.75 μ g/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB07481 (3.75 μ g/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.