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Research Use Only. Not for diagnostic or therapeutic use.

EB06161 - Goat Anti-CYP7B1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CYP7B1, CP7B, cytochrome P450, family 7, subfamily B, polypeptide

1, oxysterol 7alpha-hydroxylase, cytochrome P450, subfamily VIIB (oxysterol 7

alpha-hydroxylase), polypeptide 1, CBAS3, SPG5A

Official Symbol: CYP7B1

Accession Number(s): NP_004811.1

Human GeneID(s): 9420

Immunogen

Peptide with sequence C-YPDSDVLFRYKVKS, from the C Terminus of the protein sequence according to NP_004811.1.

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.

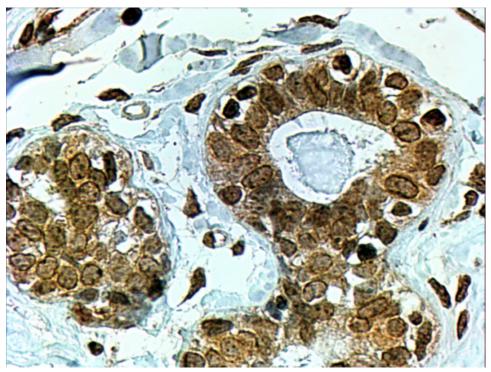
Western blot: Preliminary experiments in Human Liver, Kidney and Prostate lysates gave no specific signal but low background (at antibody concentration up to 1μg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

IHC: In paraffin embedded Human Breast shows textured cytoplasm staining in ductal epithelial cells. Recommended concentration, 3-6µg/ml.

Species Reactivity

Tested:

Expected from sequence similarity: Human, Cow



EB06161 (4µg/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.