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Research Use Only. Not for diagnostic or therapeutic use.

EB06700 - Goat Anti-HNF4A Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: HNF4A, TCF, HNF4, NR2A1, TCF14, HNF4a7, HNF4a8, HNF4a9, NR2A21, hepatocyte nuclear factor 4, alpha, HNF4-alpha, transcription factor-14,

FLJ39654, HNF4alpha, MODY, MODY1, HNF4alpha10/11/12

Official Symbol: HNF4A

Accession Number(s): NP_849180.1; NP_000448.3; NP_849181.1

Human GeneID(s): 3172

Important Comments: This antibody is expected to recognise the reported isoforms a, b

and c (NP_849180.1; NP_000448.3; NP_849181.1 resp.).

Immunogen

Peptide with sequence RLSKTLVDMDMADY-C, from the N Terminus of the protein sequence according to NP_849180.1; NP_000448.3; NP_849181.1.

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 1:32000.

Western blot: Approx 55kDa and 48kDa bands observed in lysates of cell line HepG2 (calculated MW of 52.8kDa according to Human NP_000448.3 , 46.6kDa according to Human NP_849181.1). Recommended concentration: 0.1- $0.5\mu g/ml$. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Small Intestine. Recommended concentration: 2µg/ml.

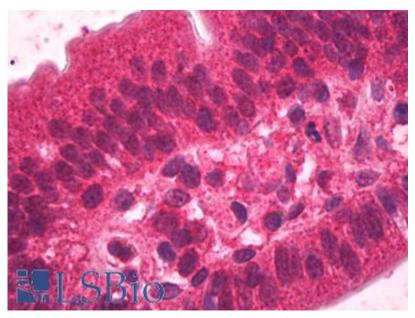
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog, Pig



 $EB06700\ (0.1\mu\text{g/ml})\ staining\ of\ HepG2\ lysate\ (35\mu\text{g}\ protein\ in\ RIPA\ buffer).\ Detected\ by\ chemiluminescence.$



EB06700 ($2\mu g/ml$) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.