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Research Use Only. Not for diagnostic or therapeutic use.

EB12764 - Goat Anti-EXOG Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: EXOG, endo/exonuclease (5'-3'), endonuclease G-like, ENDOGL1, ENDOGL2, ENGL, ENGL-a, ENGL-b, ENGLA, ENGLB, endo G-like 1, endonuclease

G-like 1, endonuclease G-like 2, nuclease EXOG, mitochondrial

Official Symbol: EXOG

Accession Number(s): NP_005098.2; NP_001138936.1

Human GeneID(s): 9941

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_005098.2; NP_001138936.1).

Immunogen

Peptide with sequence C-KAKEQSGTQIRKP, from the C Terminus of the protein sequence according to NP_005098.2; NP_001138936.1.

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.

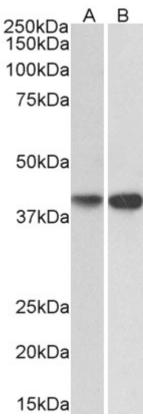
Western blot: Approx 40kDa band observed in lysates of cell lines HepG2 and Jurkat (calculated MW of 41.1kDa according to NP_005098.2). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Brain (Cortex). Recommended concentration: 5µg/ml.

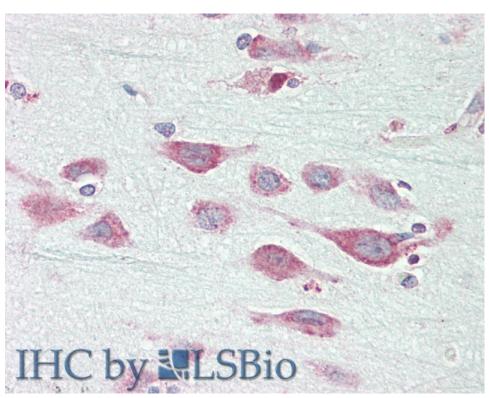
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB12764 (0.2μg/ml) staining of HepG2 (A) and Jurkat (B) lysates (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB12764 (5μg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.