

International Office

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Research Use Only. Not for diagnostic or therapeutic use.

EB12748 - Goat Anti-dUTPase / DUT Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: DUT, deoxyuridine triphosphatase, dUTPase, dUTP nucleotidohydrolase, dUTP pyrophosphatase, deoxyuridine 5'-triphosphate

nucleotidohydrolase, mitochondrial

Official Symbol: DUT

Accession Number(s): NP_001020419.1; NP_001939.1; NP_001020420.1

Human GeneID(s): 1854

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

(NP_001020419.1; NP_001939.1; NP_001020420.1).

Immunogen

Peptide with sequence C-QLRFARLSEHATAPT, from the internal region of the protein sequence according to NP_001020419.1; NP_001939.1; NP_001020420.1.

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 1:16000.

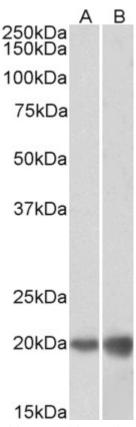
Western blot: Approx 20kDa band observed in lysates of cell lines HEK293 and HeLa (calculated MW of 17.7kDa according to NP_001939.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Testis and Tonsil. Recommended concentration: 5µg/ml.

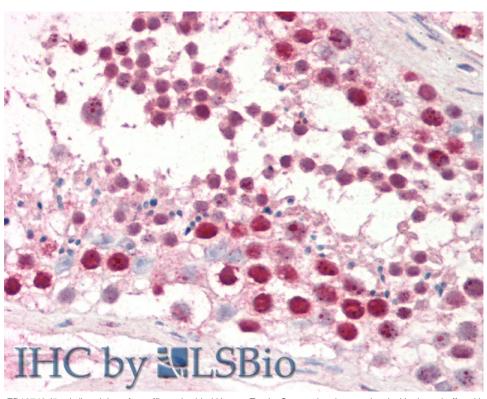
Species Reactivity

Tested: Human

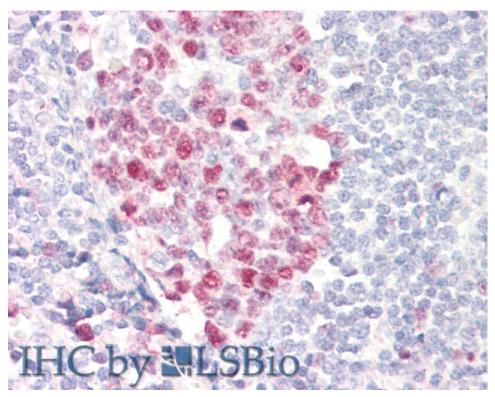
Expected from sequence similarity: Human, Pig, Cow



EB12748 (0.1μg/ml) staining of HEK293 (A) and HeLa (B) lysates (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB12748 (5μg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB12748 (5μg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.