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Research Use Only. Not for diagnostic or therapeutic use.

EB06849 - Goat Anti-CTDSP1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CTDSP1, SCP1, NLIIF, CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 1, small CTD phosphatase 1, nuclear

LIM interactor-interacting factor, Synaptonemal Complex Protein 1

Official Symbol: CTDSP1

Accession Number(s): NP_067021.1; NP_872580.1; NP_001193807.1

Human GeneID(s): 58190

Non-Human GenelD(s): 227292 (mouse), 363249 (rat)

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

(NP_067021.1; NP_872580.1; NP_001193807.1).

Immunogen

Peptide with sequence EAKAQDSDKIC, from the internal region of the protein sequence according to NP_067021.1; NP_872580.1; NP_001193807.1.

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 30kDa band observed in Mouse Testis lysates (calculated MW of 29.3kDa according to Mouse NP_694728.1). Recommended concentration: 0.1-0.3μg/ml. IHC: In paraffin embedded Human Tonsil shows nucleolar staining in select cells outside the follicles. Recommended concentration, 5-10μg/ml.

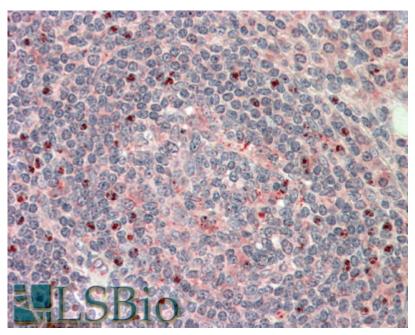
Species Reactivity

Tested: Human, Mouse

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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa

EB06849 (0.1μg/ml) staining of Mouse Testis lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB06849 (5μg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.