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EB08525 - Goat Anti-CTDSPL Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: CTDSPL, CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase-like, C3orf8, HYA22, PSR1, SCP3, small CTD phosphatase 3
Official Symbol: CTDSPL
Accession Number(s): NP_001008393.1; NP_005799.2
Human GeneID(s): 10217
Important Comments: This antibody is expected to recognise both isoforms (NP_001008393.1; NP_005799.2).

Immunogen

Peptide with sequence QCNVSLKKQRSRS, from the internal region of the protein sequence according to NP_001008393.1; NP_005799.2.

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: Preliminary experiments gave an approx 20kDa band in human placenta lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 31.1kDa according to NP_NP_001008393.1 and of 29.9kDa according to NP_005799.2. The 20kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:
Expected from sequence similarity: Human, Dog