

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB07737 - Goat Anti-CTDSP1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

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

**Official Symbol:** CTDSP1

**Accession Number(s):** NP\_067021.1; NP\_872580.1

**Human GeneID(s):** [58190](#)

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

**Important Comments:** This antibody is expected to recognise both reported isoforms (NP\_067021.1 and NP\_872580.1).

### Immunogen

Peptide with sequence C-RGKGDQKSAASQK, from the internal region of the protein sequence according to NP\_067021.1; NP\_872580.1.

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.

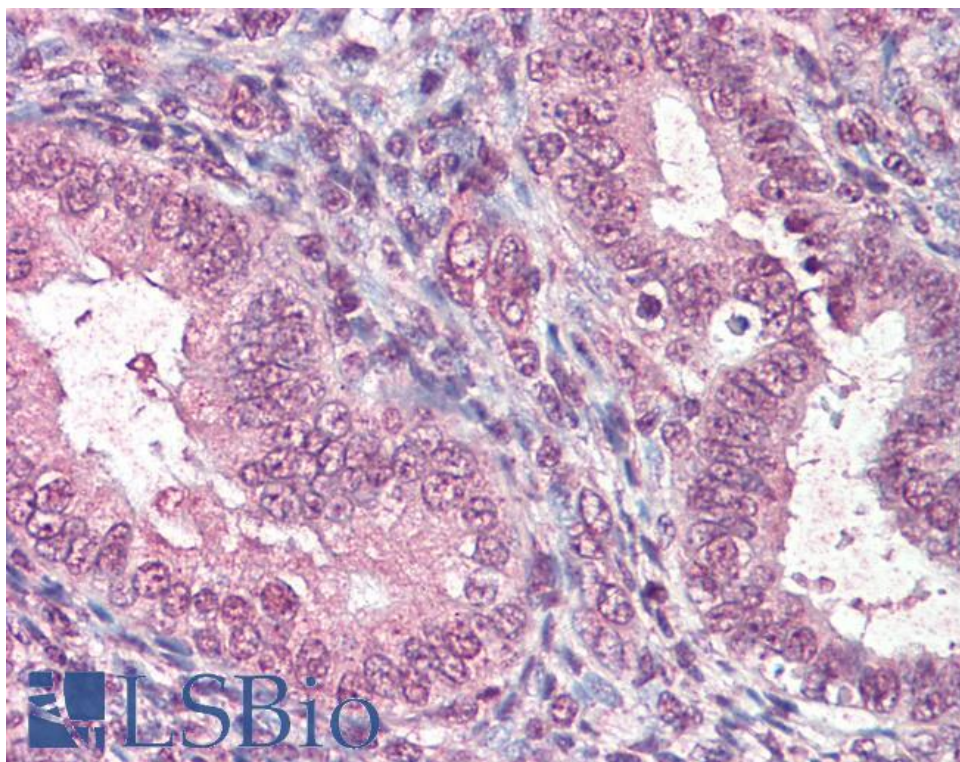
**Western blot:** Preliminary experiments gave an approx 60kDa band in Human Spleen, Lung and Placenta lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 29.2kDa according to NP\_067021.1 and 29.1kDa according to NP\_872580.1. The 60kDa band was successfully blocked by incubation with the immunizing peptide.

**IHC:** Paraffin embedded Human Uterus. Recommended concentration: 5µg/ml.

### Species Reactivity

**Tested:** Human

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



EB07737 (5µg/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.