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

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB06277 - Goat Anti-TCP1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** tailless complex polypeptide 1, T-complex protein 1, alpha subunit, T-complex protein 1, TCP-1-alpha, D6S230E, CCTa, CCT1, CCT-alpha, t-complex 1, TCP1

**Official Symbol:** TCP1

**Accession Number(s):** NP\_110379.2; NP\_001008897.1

**Human GeneID(s):** [6950](#)

**Important Comments:** This antibody is expected to recognise both reported isoforms.

### Immunogen

Peptide with sequence C-SYEDAVHSGALND, from the C Terminus of the protein sequence according to NP\_110379.2; NP\_001008897.1.

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.

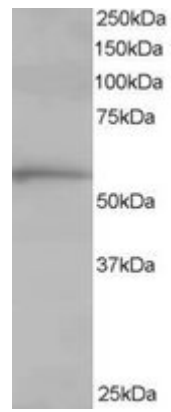
**Western blot:** Approx 60kDa band observed in Hela, Human Lung and Human Testis lysates (predicted MW of 60kDa according to NP\_110379.2). Recommended for use at 0.5-2µg/ml.

**IHC:** In paraffin embedded Human Testis shows only cytoplasmic staining in some germ cells, and both cytoplasmic and nuclear staining in other germ cells with unstained nucleoli. Recommended concentration, 1-2µg/ml.

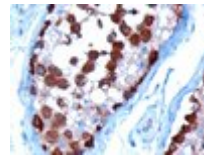
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB06277 staining (1 $\mu$ g/ml) of Human Lung lysate (RIPA buffer, 35 $\mu$ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



EB06277 (10 $\mu$ g/ml) staining of paraffin embedded Human Testis. Microwaved antigen retrieval with Tris/EDTA buffer pH9, HRP-staining.