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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.

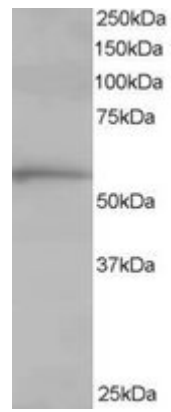
Western blot: Approx 60kDa band observed in Hela, Human Lung and Human Testis lysates (predicted MW of 60kDa according to NP_110379.2). Recommended for use at 0.5-2µg/ml.

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.

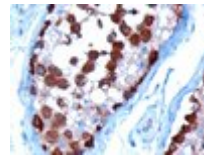
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



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



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