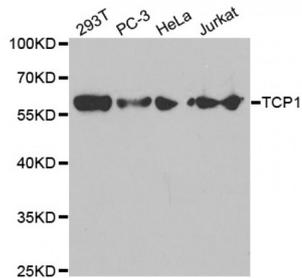


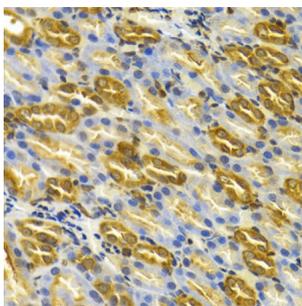
Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: info@abbexa.com

T-Complex 1 (TCP1) Antibody

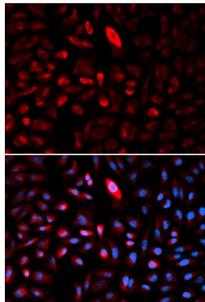
Catalogue No.: abx001593



Western blot analysis of extracts of various cell lines, using TCP1 antibody (abx001593) at 1/1000 dilution.



Immunohistochemistry of paraffin-embedded rat kidney using TCP1 antibody (abx001593) at dilution of 1/100 (40x lens).



Immunofluorescence analysis of U2OS cells using TCP1 antibody (abx001593). Blue: DAPI for nuclear staining.

TCP1 Antibody is a Rabbit Polyclonal antibody against TCP1. The protein encoded by this gene is a molecular chaperone that is a member of the chaperonin containing TCP1 complex (CCT), also known as the TCP1 ring complex (TRiC). This complex consists of two identical stacked rings, each containing eight different proteins. Unfolded polypeptides enter the central cavity of the complex and are folded in an ATP-dependent manner. The complex folds various proteins, including actin and tubulin. Alternate transcriptional splice variants of this gene, encoding different isoforms, have been characterized. In addition, three pseudogenes that appear to be derived from this gene have been found.

| | |
|-----------------------------|-------------------|
| Target: | TCP1 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Tested Applications: | WB, IHC, IF/ICC |

Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: info@abbexa.com

Recommended dilutions: WB: 1/500 - 1/2000, IHC: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human TCP1.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Molecular Weight: Calculated MW: 60 kDa
Observed MW: 60 kDa

Swiss Prot: [P17987](#)

GeneID: [6950](#)

Gene Symbol: TCP1

Concentration: > 1 mg/ml

Buffer: PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.

Note: This product is for research use only.