

## Anti-TCP1 antibody (C-Term) (STJ70509)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/WB/IHC/IF/FC
Host / Source	Goat
Reactivity	Human

### PRODUCT PROPERTIES

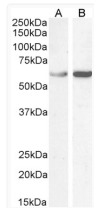
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:32000. WB: Approx 60kDa band observed in lysates of cell line HEK293 and in Human Ovary lysates (calculated MW of 60.3kDa according to NP_110379.2). Recommended concentration: 0.3-1µg/ml. Primary
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20°C on receipt and minimise freeze-thaw cycles.

### TARGET INFORMATION

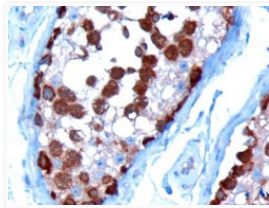
Gene ID	<a href="#">6950</a>
Gene Symbol	<a href="#">TCP1</a>
UniProt ID	<a href="#">TCPA_HUMAN</a>
Immunogen Region	C-Term
Immunogen Sequence	SYEDAVHSGALND
Specificity	This antibody is expected to recognise both reported isoforms.

### ADDITIONAL INFORMATION

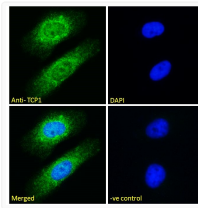
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



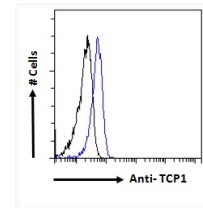
STJ70509 (1µg/ml) staining of Human Ovary (A) lysate and HEK293 (B) cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ70509 (10µg/ml) staining of paraffin embedded Human Testis. Microwaved antigen retrieval with Tris/EDTA buffer pH9, HRP-staining.



STJ70509 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml), showing cytoplasmic and nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml).



STJ70509 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10µg/ml) followed by Alexa Fluor 488 secondary antibody (1µg/ml). IgG control: Unimmunized goat IgG (10µg/ml) followed by Alexa Fluor 488 secondary antibody.