

TCP1 alpha antibody [91A]

Cat. No. GTx22797

Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, ICC/IF, IHC-P, FCM, IP
Reactivity	Human, Mouse, Rat, Yeast, Dog, Hamster, Chicken, Primate

Package

100 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1,000
ICC/IF	1:100
IHC-P	1:20
FCM	1:100
IP	Assay dependent

Not tested in other applications.

Calculated MW 60 kDa. ([Note](#))

Product Note The epitope for this antibody has been mapped to amino acids 465-469 representing the pentamer peptide AKLRA.

Properties

Form	Liquid
Buffer	Ascites
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Immunogen	Bacterially expressed fragment of mouse TCP-1, residues 306-556.
Purification	Unpurified
Conjugation	Unconjugated



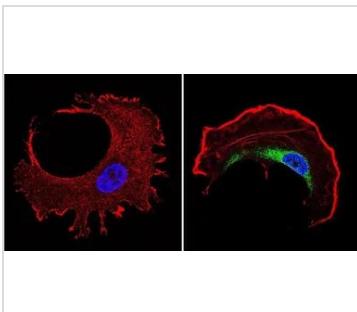
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES**GTx22797 ICC/IF Image**

ICC/IF analysis of human cells using GTx22797 TCP1 alpha antibody [91A].

Green : Primary antibody

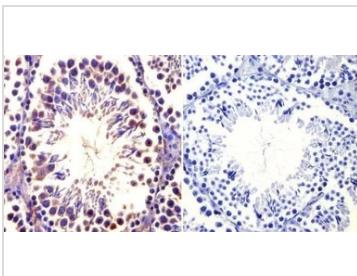
Blue : Nuclei

Red : Actin

Fixation : Formalin

Permeabilization : 0.1% Triton X-100 in TBS for 5-10 minute

Dilution : 1:100 incubated overnight in a humidified chamber

**GTx22797 IHC-P Image**

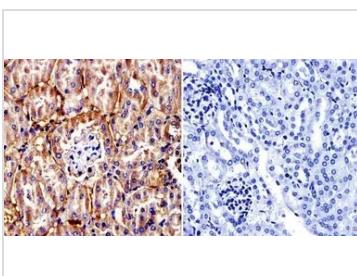
IHC-P analysis of mouse testis tissue using GTx22797 TCP1 alpha antibody [91A].

Left : Primary antibody

Right : Negative control without primary antibody

Antigen retrieval : heat induced antigen retrieval was performed using 10mM sodium citrate (pH6.0) buffer, microwaved for 8-15 minutes

Dilution : 1:20

**GTx22797 IHC-P Image**

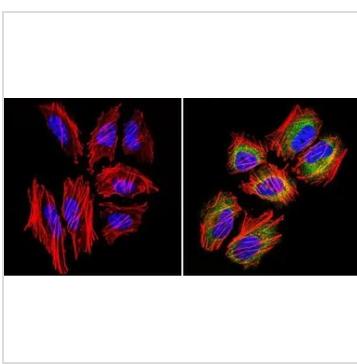
IHC-P analysis of mouse kidney tissue using GTx22797 TCP1 alpha antibody [91A].

Left : Primary antibody

Right : Negative control without primary antibody

Antigen retrieval : heat induced antigen retrieval was performed using 10mM sodium citrate (pH6.0) buffer, microwaved for 8-15 minutes

Dilution : 1:20

**GTx22797 ICC/IF Image**

ICC/IF analysis of HeLa cells using GTx22797 TCP1 alpha antibody [91A]. Cells were probed without (left) or with (right) an antibody.

Green : Primary antibody

Blue : Nuclei

Red : Actin

Fixation : Formalin

Permeabilization : 0.1% Triton X-100 in TBS for 5-10 minute

Dilution : 1:100 incubated overnight in a humidified chamber



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