

## TCTP Rabbit mAb

Catalog No: #49734

Package Size: #49734-1 50ul #49734-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

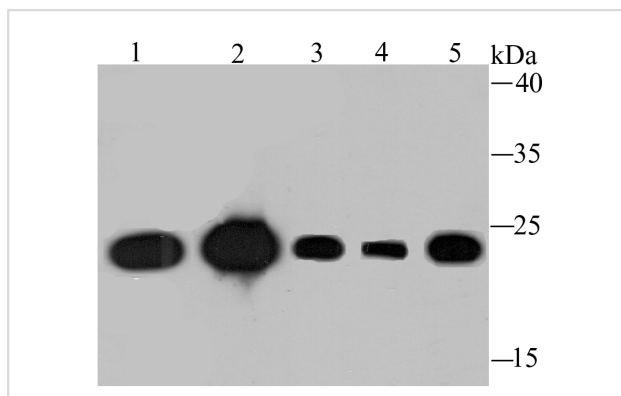
## Description

Product Name	TCTP Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JU13-32
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC, FC, IP
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Other Names	FLJ27337 antibody Fortilin antibody Histamine releasing factor antibody Histamine-releasing factor antibody HRF antibody Immunoglobulin E-dependent antibody p02 antibody p23 antibody TCTP antibody TCTP_HUMAN antibody tpt1 antibody Translationally controlled tumor protein antibody Translationally-controlled tumor protein antibody Tumor protein translationally controlled 1 antibody tumor protein, translationally-controlled 1 antibody
Accession No.	Swiss-Prot#:P13693
Uniprot	P13693
GeneID	7178;
Calculated MW	20 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

## Application Details

WB: 1:500-1:2,000 IHC: 1:50-1:200 ICC/IF: 1:50-1:200 FC: 1:50-1:100

## Images



Western blot analysis of TCTP on different lysates using anti-TCTP antibody at 1/1,000 dilution.

Positive control:

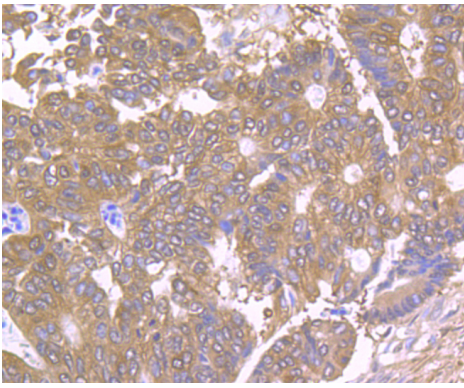
Lane 1: Mouse placenta tissue

Lane 2: Mouse testis tissue

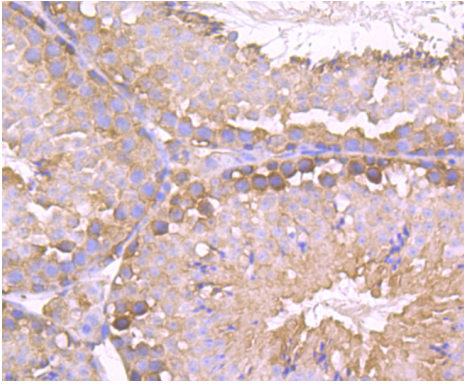
Lane 3: Hela

Lane 4: A431

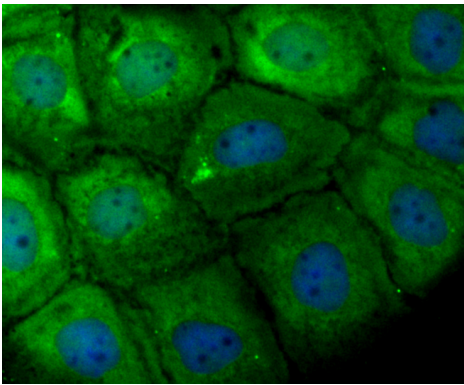
Lane 5: MCF-7



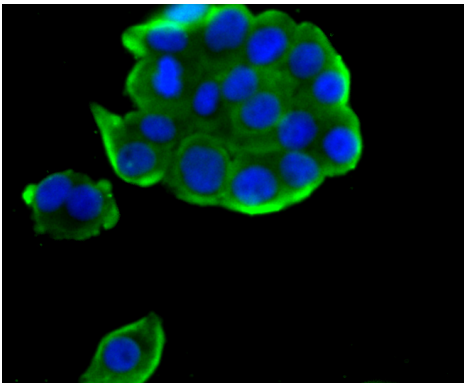
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-TCTP antibody. Counter stained with hematoxylin.



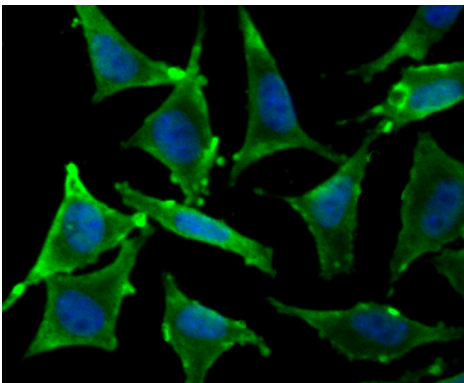
Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-TCTP antibody. Counter stained with hematoxylin.



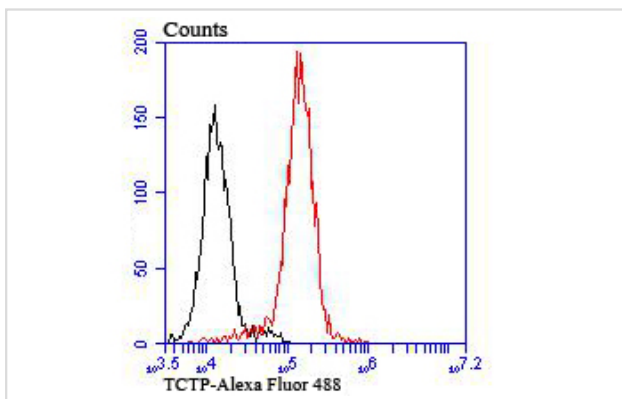
ICC staining TCTP in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining TCTP in LOVO cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining TCTP in SH-SY5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of THP-1 cells with TCTP antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor<sup>®</sup> 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.

## Background

Histamine-releasing factor (HRF) is a cytokine-like molecule that causes the release of histamine, IL-4 and IL-13 from basophils as well as the secretion of IL-8 and a calcium response in eosinophils. HRF belongs to the translationally controlled tumor protein (TCTP) family. It is expressed in several healthy and tumoral cells, including erythrocytes, hepatocytes, macrophages, platelets, keratinocytes, erythroleukemia cells, gliomas, melanomas, hepatoblastomas and lymphomas, and it is localized in the cytoplasm. HRF plays a pivotal role in allergic diseases, and due to its wide distribution in brain, is thought to be involved in neurodegenerative disorders, such as Alzheimer's disease and Down syndrome.

## References

Note: This product is for in vitro research use only