

## TIMM44 Polyclonal Antibody

Catalog No: #30039



Package Size: #30039-1 50ul #30039-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

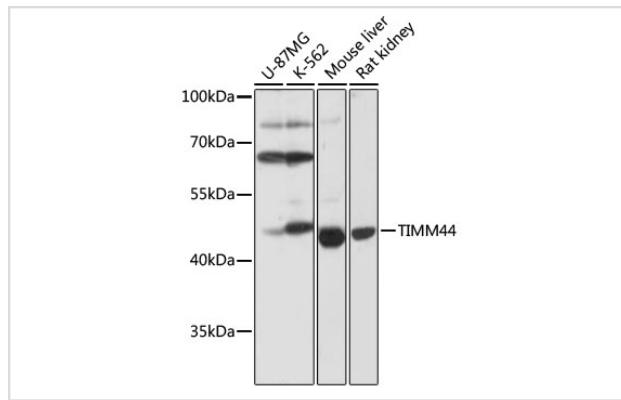
## Description

Product Name	TIMM44 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human;Mouse;Rat
Immunogen Description	Recombinant fusion protein of human TIMM44 (NP_006342.2).
Conjugates	Unconjugated
Other Names	TIM44
Accession No.	Swiss-Prot#:O43615NCBI Gene ID:10469
Calculated MW	51kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

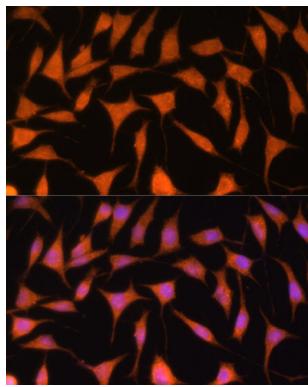
## Application Details

WB 1:500 - 1:2000 IF 1:50 - 1:200

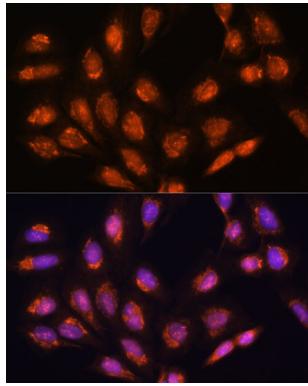
## Images



Western blot analysis of extracts of various cell lines, using TIMM44 antibody at 1:1000 dilution.



Immunofluorescence analysis of L929 cells using TIMM44 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using TIMM44 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

## Background

This gene encodes a peripheral membrane protein associated with the mitochondrial inner membrane translocase, which functions in the import of proteins across the mitochondrial inner membrane and into the mitochondrial matrix. The encoded protein mediates binding of mitochondrial heat shock protein 70 to the translocase of inner mitochondrial membrane 23 (TIM23) complex. Expression of this gene is upregulated in kidney in a mouse model of diabetes. A mutation in this gene is associated with familial oncocytic thyroid carcinoma.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.