

For Research Use Only

# TMEM126A Polyclonal antibody

Catalog Number:20759-1-AP



## Basic Information

<b>Catalog Number:</b> 20759-1-AP	<b>GenBank Accession Number:</b> BC007875	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 300 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 84233	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IF/ICC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H061	
<b>Isotype:</b> IgG	<b>Full Name:</b> transmembrane protein 126A	
<b>Immunogen Catalog Number:</b> AG14705	<b>Calculated MW:</b> 195 aa, 22 kDa	
	<b>Observed MW:</b> 20-25 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> HeLa cells, <b>IF/ICC :</b> HeLa cells,

## Background Information

TMEM126A is a mitochondrial inner membrane protein that is enriched in the cristae. TMEM126A is necessary for Complex I assembly or stability. Complex I (CI) is the largest enzyme of the mitochondrial respiratory chain, and its defects are the main cause of mitochondrial disease.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 0.1%BSA**

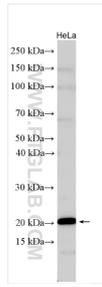
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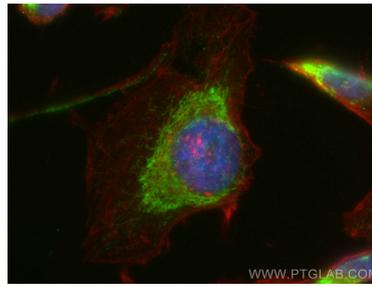
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20759-1-AP (TMEM126A antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using TMEM126A antibody (20759-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).