

TMEM126A Polyclonal antibody

Catalog Number: 20759-1-AP

Basic Information

Catalog Number:

20759-1-AP

Size:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14705

GenBank Accession Number:

BC007875

GeneID (NCBI):

84233

UNIPROT ID:

Q9H061

Full Name:

transmembrane protein 126A

Calculated MW:

195 aa, 22 kDa

Observed MW:

20-25 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells,

IF/ICC : 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:

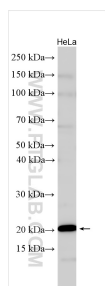
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

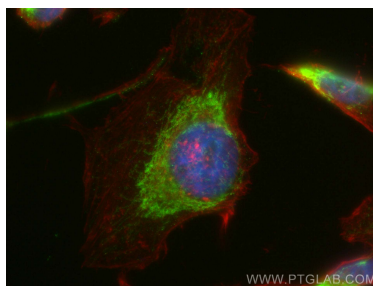
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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 AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).