

For Research Use Only

# TMEM39A Polyclonal antibody

Catalog Number: 20430-1-AP



## Basic Information

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|--|--|--|
| <b>Catalog Number:</b><br>20430-1-AP   | <b>GenBank Accession Number:</b><br>BC021277   | <b>Purification Method:</b><br>Antigen affinity purification                         |
| <b>Size:</b><br>150ul , Concentration: 550 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>55254                 | <b>Recommended Dilutions:</b><br>WB 1:500-1:2000<br>IHC 1:50-1:500<br>IF 1:200-1:800 |
| <b>Source:</b><br>Rabbit   | <b>Full Name:</b><br>transmembrane protein 39A |  |
| <b>Isotype:</b><br>IgG   | <b>Calculated MW:</b><br>488 aa, 56 kDa        |  |
| <b>Immunogen Catalog Number:</b><br>AG14263  | <b>Observed MW:</b><br>48-56 kDa               |  |

## Applications

|  |   |
|--|---|
| <b>Tested Applications:</b><br>IF, IHC, WB, ELISA  | <b>Positive Controls:</b><br>WB : U-87 MG cells,<br>IHC : human breast cancer tissue,<br>IF : U2OS cells, U-251 cells |
| <b>Species Specificity:</b><br>human   |   |
| <b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b> |   |

## Background Information

Transmembrane protein 39A (TMEM39A, also called SUSR2) encoding an ER-localized transmembrane protein, is a susceptibility locus for multiple autoimmune diseases (PMID: 31806350).

## 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

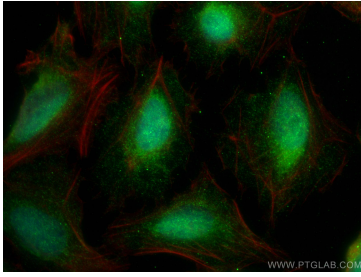
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

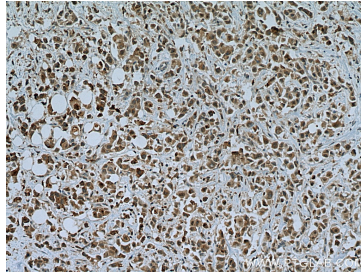
E: proteintech@ptglab.com  
W: ptglab.com

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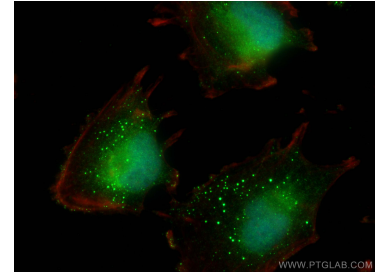
## Selected Validation Data



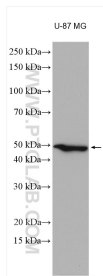
Immunofluorescent analysis of (4% PFA) fixed U2OS cells using TMEM39A antibody (20430-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 20430-1-AP (TMEM39A antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed U-251 cells using TMEM39A antibody (20430-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).



Various lysates were subjected to SDS PAGE followed by western blot with 20430-1-AP (TMEM39A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.