

For Research Use Only

TMEM39A Polyclonal antibody

Catalog Number: 20430-1-AP



Basic Information

Catalog Number: 20430-1-AP	GenBank Accession Number: BC021277	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 55254	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q9NV64	IHC 1:50-1:500
Isotype: IgG	Full Name: transmembrane protein 39A	IF/ICC 1:200-1:800
Immunogen Catalog Number: AG14263	Calculated MW: 488 aa, 56 kDa	
	Observed MW: 48-56 kDa	

Applications

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

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

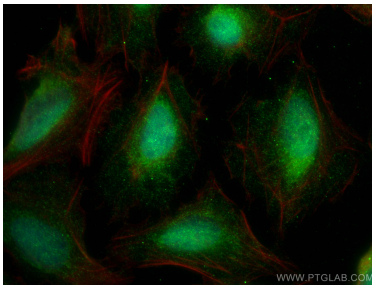
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

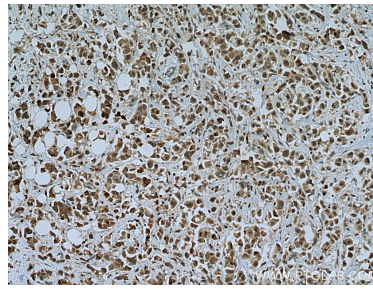
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

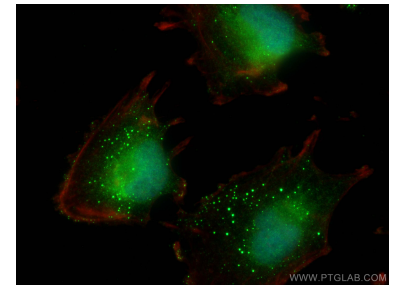
Selected Validation Data



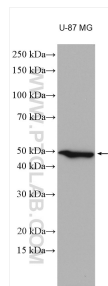
Immunofluorescent analysis of (4% PFA) fixed U2OS cells using TMEM39A antibody (20430-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).



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 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.