

For Research Use Only

TMEM45A Polyclonal antibody

Catalog Number: 27534-1-AP



Basic Information

Catalog Number: 27534-1-AP	GenBank Accession Number: BC040355	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 700 µg/ml by Nanodrop;	GeneID (NCBI): 55076	Recommended Dilutions: WB 1:500-1:3000
Source: Rabbit	Full Name: transmembrane protein 45A	
Isotype: IgG	Observed MW: 75 kDa	
Immunogen Catalog Number: AG24392		

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A431 cells, MDA-MB-231 cells, SKOV-3 cells
Species Specificity: Human	

Background Information

TMEM45A, also known as DERP7, DNATP4, or FLJ10134, is a transmembrane protein belonging to the TMEM family. TMEM45A is highly expressed in keratinocytes and its expression correlates with keratinization, suggesting a role in normal epidermal physiology (PMID: 22954140; PMID: 24689342). TMEM45A promotes cell proliferation, migration, and invasion in glioblastoma cells, favors epithelial-mesenchymal transition (EMT) in colorectal cancer and promotes cell proliferation by favoring the G1/S cell cycle transition in ovarian cancer cells (PMID: 37936608).

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

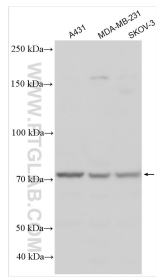
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27534-1-AP (TMEM45A antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.