

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: 700 µg/ml	GeneID (NCBI): 55076	Recommended Dilutions: WB 1:500-1:3000
Source: Rabbit	UNIPROT ID: Q9NWC5	
Isotype: IgG	Full Name: transmembrane protein 45A	
Immunogen Catalog Number: AG24392	Observed MW: 75 kDa	

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, DNAPT4, 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

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

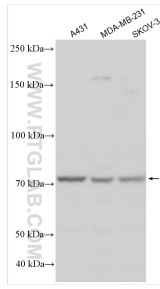
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.