

Anti-TM9SF4 Antibody (N-Terminus)

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS17591

Product Information

Application	IHC-P
Primary Accession	Q92544
Predicted	Human, Rabbit, Monkey, Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	74519
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	9777
Alias Symbol	TM9SF4
Other Names	TM9SF4, DJ836N17.2, KIAA0255
Target/Specificity	Human TM9SF4. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-TM9SF4 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TM9SF4
Synonyms	KIAA0255, TUCAP1 {ECO:0000303 PubMed:198
Function	Associates with proteins harboring glycine-rich transmembrane domains and ensures their efficient localization to the cell surface (PubMed: 25999474). Regulates the assembly and activity of V-ATPase in colon cancer cells via its interaction with V-type proton ATPase subunit H (ATP6V1H) and contributes to V-ATPase-mediated pH alterations in cancer cells which play an important role in drug resistance and invasiveness of colon cancer cells (PubMed: 25659576). Plays an important role in an atypical phagocytic activity of metastatic melanoma cells called cannibalism and is involved in the pH regulation of the intracellular vesicles in tumor cells (PubMed: 19893578).
Cellular Location	Membrane; Multi-pass membrane protein. Golgi apparatus Early endosome

Tissue Location

Highly expressed in metastatic melanoma cells whereas it is undetectable in primary melanoma cells, healthy skin tissues and peripheral blood lymphocytes. Expressed in CD34(+) hematopoietic progenitor cells and during monocyte and granulocyte differentiation. Overexpressed in acute myeloid leukemia, in particular in those displaying granulocytic differentiation (at protein level)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.