

Anti-TM9SF4 Antibody (N-Terminus)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17591**Specification**

Anti-TM9SF4 Antibody (N-Terminus) - Product Information

Application	IHC-P
Primary Accession	O92544
Predicted	Human, Rabbit, Monkey, Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	74519

Anti-TM9SF4 Antibody (N-Terminus) - 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.

Anti-TM9SF4 Antibody (N-Terminus) - 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)

Anti-TM9SF4 Antibody (N-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-TM9SF4 Antibody (N-Terminus) - Images