

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

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

Application	IHC-P
Primary Accession	<a href="#">O92544</a>
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
<b>Other Names</b>	
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:<a href="http://www.uniprot.org/citations/25999474" target="\_blank">25999474</a>). 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:<a href="http://www.uniprot.org/citations/25659576" target="\_blank">25659576</a>). 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:<a

href="http://www.uniprot.org/citations/19893578" target="\_blank">19893578</a>).

**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**