

TMEM184C Antibody

Catalog # ASC11104

Product Information

Application	WB, IF, E, IHC-P
Primary Accession	Q9NVA4
Other Accession	NP_060711 , 190358512
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	50142
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	TMEM184C antibody can be used for detection of TMEM184C by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.

Additional Information

Gene ID	55751
Other Names	Transmembrane protein 184C, Transmembrane protein 34, TMEM184C, TMEM34
Target/Specificity	TMEM184C;
Reconstitution & Storage	TMEM184C antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Precautions	TMEM184C Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TMEM184C
Synonyms	TMEM34
Function	Possible tumor suppressor which may play a role in cell growth.
Cellular Location	Membrane; Multi-pass membrane protein
Tissue Location	Widely expressed with higher expression in lung, kidney, spleen, pancreas, thymus, prostate, testis, ovary, small intestine and thyroid.

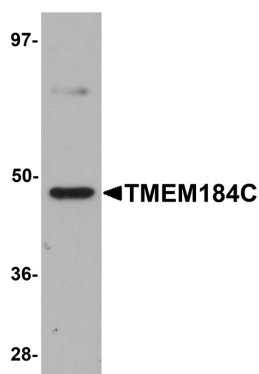
Background

TMEM184C Antibody: Anaplastic thyroid cancer is one of the most lethal forms of cancer, but the precise carcinogenic mechanism has not been identified. TMEM184C, also known as TMEM34, was identified in a cDNA microarray analysis as being down-regulated in anaplastic thyroid cancers compared to normal thyroid tissues. TMEM184C protein expression was also lower in cell lines derived from these types of cancers compared to that of normal thyroid tissues or cell lines based on other types of thyroid cancers. Furthermore, transfection of TMEM34 into KTA2 cells led to the inhibition of cell growth, suggesting that TMEM184C might act as a tumor suppressor in anaplastic thyroid cancers.

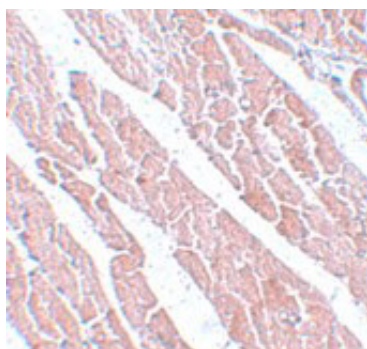
References

Akaishi J, Onda M, Okamoto J, et al. Down-regulation of an inhibitor of cell growth, transmembrane protein 34 (TMEM34), in anaplastic thyroid cancer. *J. Cancer Res. Clin. Oncol.* 2007; 133:213-8.

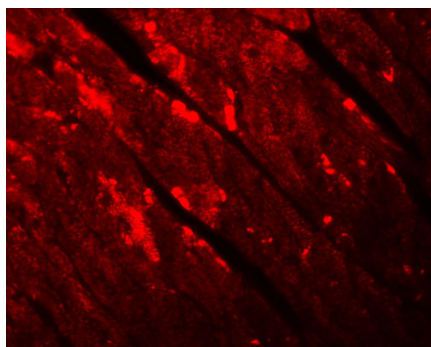
Images



Western blot analysis of TMEM184C in mouse heart tissue lysate with TMEM184C antibody at 1 $\mu\text{g/mL}$.



Immunohistochemistry of TMEM184C in mouse heart tissue with TMEM184C antibody at 5 $\mu\text{g/mL}$.



Immunofluorescence of TMEM184C in mouse heart tissue with TMEM184B antibody at 20 $\mu\text{g/mL}$.

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