

**TMEM184C Antibody**  
**Catalog # ASC11104****Specification**

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**TMEM184C Antibody - Product Information**

Application	WB, IHC-P, IF, E
Primary Accession	<a href="#">Q9NVA4</a>
Other Accession	<a href="#">NP_060711</a> , <a href="#">190358512</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
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.

**TMEM184C Antibody - Additional Information**

Gene ID	55751
<b>Target/Specificity</b>	
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.

**TMEM184C Antibody - 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**

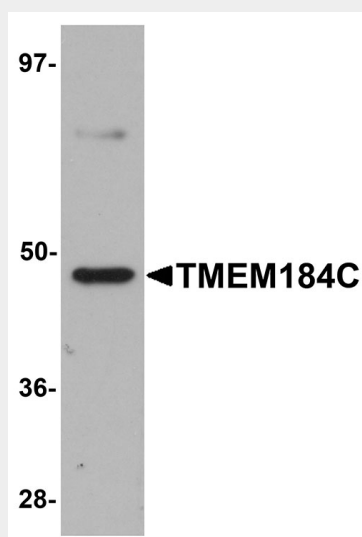
Widely expressed with higher expression in lung, kidney, spleen, pancreas, thymus, prostate, testis, ovary, small intestine and thyroid.

## TMEM184C Antibody - Protocols

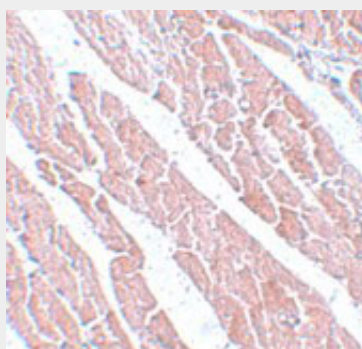
Provided below are standard protocols that you may find useful for product applications.

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

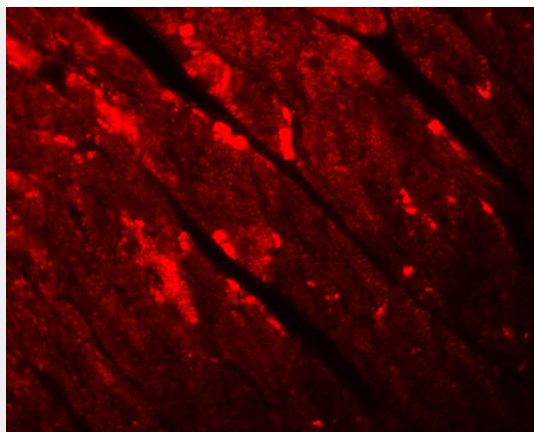
## TMEM184C Antibody - Images



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 µg/mL.

#### **TMEM184C Antibody - 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.

#### **TMEM184C Antibody - 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.