

## Product datasheet for **TA306957**

### **TMEM184A Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	ELISA, IHC, WB
<b>Recommended Dilution:</b>	TMEM184A antibody can be used for detection of TMEM184A by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. Antibody validated: Western Blot in rat samples and Immunohistochemistry in human samples. All other applications and species not yet tested.
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	TMEM184A antibody was raised against a 16 amino acid peptide near the carboxy terminus of human TMEM184A.
<b>Formulation:</b>	PBS containing 0.02% sodium azide.
<b>Concentration:</b>	1ug/ul
<b>Purification:</b>	TMEM184A Antibody is affinity chromatography purified via peptide column.
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Gene Name:</b>	transmembrane protein 184A
<b>Database Link:</b>	<a href="#">NP_001091089</a> <a href="#">Entrez Gene 231832</a> <a href="#">MouseEntrez Gene 304325</a> <a href="#">RatEntrez Gene 202915</a> <a href="#">Human Q6ZMB5</a>



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**Background:** TMEM184A, a multi-pass transmembrane protein, belongs to the UPF0206 family. While the exact function of TMEM184A remains unclear, it is known to be expressed at high levels in the developing testis. TMEM184A may mediate sex-specific signaling events during Sertoli cell differentiation. The restricted expression of this gene in Sertoli cells suggests a role for the encoded protein in the development and/or continued function of that cell type. Ectopic expression of TMEM184A in female genital ridges resulted in failure of gonocytes to enter meiosis.

**Synonyms:** SDMG1

**Protein Families:** Transmembrane