

**AP54277PU-N****Polyclonal Antibody to TM181 (N-term) - Aff - Purified**

<b>Alternate names:</b>	GPR178, KIAA1423, TMEM181, Transmembrane protein 181
<b>Quantity:</b>	0.4 ml
<b>Concentration:</b>	lot specific
<b>Background:</b>	The TMEM181 gene encodes a putative G protein-coupled receptor expressed on the cell surface (Carette et al., 2009 [PubMed 19965467]; Wollscheid et al., 2009 [PubMed 19349973]).
<b>Uniprot ID:</b>	<a href="#">Q9P2C4</a>
<b>NCBI:</b>	<a href="#">NP_065874</a>
<b>GeneID:</b>	<a href="#">57583</a>
<b>Host / Isotype:</b>	Rabbit / Ig
<b>Immunogen:</b>	KLH conjugated synthetic peptide between 119-148 amino acids from the N-terminal region of human TM181
<b>Format:</b>	<b>State:</b> Liquid Ig fraction <b>Purification:</b> Protein A column followed by peptide affinity purification <b>Buffer System:</b> PBS with 0.09% (W/V) sodium azide
<b>Applications:</b>	ELISA: 1:1;000, Western blot: 1:100~500. Immunohistochemistry on paraffin sections: 1:10~50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody detects TM181 (N-term).
<b>Species Reactivity:</b>	<b>Tested:</b> Human
<b>Add. Information:</b>	<b>Molecular Weight:</b> 69325 Da
<b>Storage:</b>	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Carette, J.E., et al. Science 326(5957):1231-1235(2009). 2. Wollscheid, B., et al. Nat. Biotechnol. 27(4):378-386(2009). 3. Olsen, J.V., et al. Cell 127(3):635-648(2006). 4. Wistrand, M., et al. Protein Sci. 15(3):509-521(2006). 5. Cheng, J., et al. Science 308(5725):1149-1154(2005).

## Pictures:

TM181 Antibody (N-term) (AP54277PU-N) western blot analysis in NCI-H460 cell line lysates (35 µg/lane). This demonstrates the TM181 antibody detected the TM181 protein (arrow).

