



# TM55A rabbit pAb

<b>Catalog No</b>	YP-Ab-12011
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse; Rat
<b>Applications</b>	WB
<b>Gene Name</b>	TMEM55A
<b>Protein Name</b>	TM55A
<b>Immunogen</b>	Synthesized peptide derived from human TM55A AA range: 33-83
<b>Specificity</b>	This antibody detects endogenous levels of TM55A at Human/Mouse/Rat
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit, IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1: 500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	
<b>Cell Pathway</b>	Late endosome membrane ; Multi-pass membrane protein . Lysosome membrane ; Multi-pass membrane protein . Cytoplasmic vesicle, phagosome membrane ; Multi-pass membrane protein . Cell membrane ; Multi-pass membrane protein .
<b>Tissue Specificity</b>	Ubiquitous.
<b>Function</b>	catalytic activity: 1-phosphatidyl-1D-myo-inositol 4,5-bisphosphate + H <sub>2</sub> O = 1-phosphatidyl-1D-myo-inositol 5-phosphate + phosphate, catalytic activity: 1-phosphatidyl-myo-inositol 4,5-bisphosphate + H <sub>2</sub> O = 1-phosphatidyl-1D-myo-inositol 5-phosphate + phosphate, function: Catalyzes the hydrolysis of the 4-position phosphate of phosphatidylinositol 4,5-bisphosphate. Does not hydrolyze phosphatidylinositol 3,4,5-trisphosphate, phosphatidylinositol 3,4-bisphosphate, inositol 3,5-bisphosphate, inositol 3,4-bisphosphate, phosphatidylinositol 5-monophosphate, phosphatidylinositol 4-monophosphate and phosphatidylinositol 3-monophosphate, tissue specificity: Ubiquitous.,
<b>Background</b>	TMEM55A catalyzes the degradation of phosphatidylinositol 4,5-bisphosphate (PtdIns-4,5-P <sub>2</sub> ) by removing the 4-phosphate (Ungewickell et al., 2005 [PubMed 16365287]). [supplied by OMIM, Mar 2008],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images

