

TM55A rabbit pAb

Catalog No :	YT7377
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	TM55A
Fields :	>>Phosphatidylinositol signaling system
Gene Name :	TMEM55A
Protein Name :	TM55A
Human Gene Id :	55529
Human Swiss Prot No :	Q8N4L2
Mouse Gene Id :	72519
Mouse Swiss Prot No :	Q9CZX7
Rat Gene Id :	362490
Rat Swiss Prot No :	Q4V888
Immunogen :	Synthesized peptide derived from human TM55A AA range: 33-83
Specificity :	This antibody detects endogenous levels of TM55A at Human/Mouse/Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1[?]500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 28kD

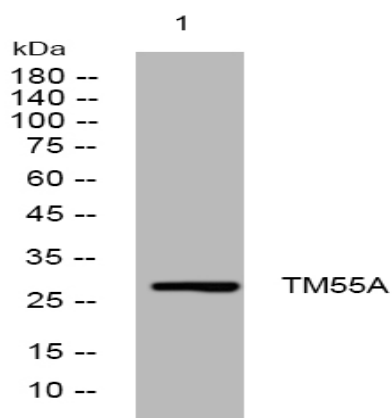
Background : TMEM55A catalyzes the degradation of phosphatidylinositol 4,5-bisphosphate (PtdIns-4,5-P2) by removing the 4-phosphate (Ungewickell et al., 2005 [PubMed 16365287]).[supplied by OMIM, Mar 2008],

Function : catalytic activity:1-phosphatidyl-1D-myo-inositol 4,5-bisphosphate + H(2)O = 1-phosphatidyl-1D-myo-inositol 5-phosphate + phosphate.,catalytic activity:1-phosphatidyl-myo-inositol 4,5-bisphosphate + H(2)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.,

Subcellular Location : 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 .

Expression : Ubiquitous.

Products Images



Western blot analysis of lysates from 293T cells, primary antibody was diluted at 1:1000, 4° over night