



TMEM175 rabbit pAb

货号	YP-Ab-17919
同位型	IgG
应用	WB
种属	Human;Mouse;Rat
靶点	TMEM175
基因名称	TMEM175
蛋白名称	Transmembrane protein 175
免疫原	Synthesized peptide derived from human TMEM175
特异性	This antibody detects endogenous levels of TMEM175 at Human, Mouse,Rat
组成	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
来源	Polyclonal, Rabbit,IgG
稀释	WB 1:500-2000
纯化工艺	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
分子量	55kD
功能	Organelle-specific potassium channel specifically responsible for potassium conductance in endosomes and lysosomes . Forms a potassium-permeable leak-like channel, which regulates luminal pH stability and is required for autophagosome-lysosome fusion . Constitutes the major lysosomal potassium channel . Constitutes the pore-forming subunit of the lysoK(GF) complex, a complex activated by extracellular growth factors . The lysoK(GF) complex is composed of TMEM175 and AKT (AKT1, AKT2 or AKT3), a major target of growth factor receptors: in the complex, TMEM175 channel is opened by conformational changes by AKT, leading to its activation . The lysoK(GF) complex is required to protect neurons against stress-induced damage .
细胞定位	Endosome membrane ; Multi-pass membrane protein . Lysosome membrane ; Multi-pass membrane protein .
组织表达	Widely expressed.
浓度	1 mg/ml
储存	-15°C to -25°C/1 year(Do not lower than -25°C)
有关注意事项	Avoid repeated freezing and thawing!
使用建议	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



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