TMEM161B Rabbit mAb

Catalog No	YP-rAb-17419
Isotype	IgG
Reactivity	Human,Mouse
Applications	WB
Gene Name	TMEM161B,UNQ679/PRO1313
Protein Name	Transmembrane protein 161B
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	WB 1:1000-1:5000;
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15° C to -25° C/1 year(Do not lower than -25° C)
Synonyms	
Observed Band	54kD
Calculated Molecular Weight	54kD
Cell Pathway	SUBCELLULAR LOCATION: Cell membrane {ECO:0000250|UniProtKB:Q7SY10}; Multi-pass membrane protein {ECO:0000255}.
Tissue Specificity	
Function	Essential for maintaining normal cardiac rhythm in the developing heart and for neonatal survival (By similarity). Inhibits potassium and calcium currents in the cardiomyocytes, this assists in timely action potential repolarization and thereby maintains normal cardiac rhythm (By similarity). {ECO:0000250|UniProtKB:Q8C2L6}.
Background	Enables ATPase binding activity. Involved in dendrite morphogenesis and lysosome localization. Located in endosome and lysosomal membrane. Implicated in hypomyelinating leukodystrophy 16. [provided by Alliance of Genome Resources, Apr 2025]

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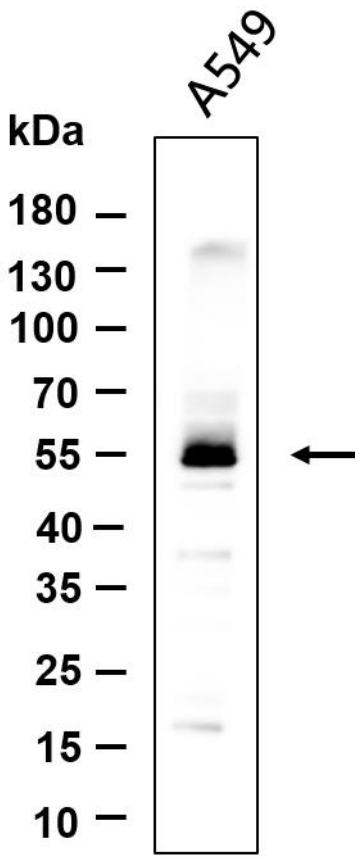
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Western blot analysis of lysates from A549 cell, primary antibody was diluted at 1:1000, 4° over night, Dylight 800 secondary antibodywas diluted at 1:10000, 37° 1hour.

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