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HIGH PERFORMANCE ANTIBODIES ... AND MORE

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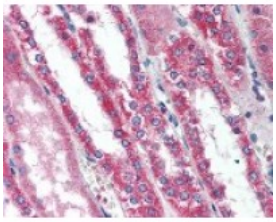
TMEM123 Antibody

CATALOG NUMBER: 49-323



Immunohistochemistry staining of TMEM123 in kidney tissue using TMEM123 Antibody.

Specifications

SPECIES REACTIVITY:	Gibbon, Gorilla, Human, Monkey, Rabbit
TESTED APPLICATIONS:	IHC, WB
APPLICATIONS:	TMEM123 antibody can be used in ELISA, Western Blot starting at 1:500 - 1:1000, and immunohistochemistry starting at 5 ug/mL.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
IMMUNOGEN:	TMEM123 antibody was raised against amino acids 173 - 188 of TMEM123 (Human).
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Protein G Column
PHYSICAL STATE:	Liquid
BUFFER:	PBS, 0.05% sodium azide.
STORAGE CONDITIONS:	TMEM123 antibody can be stored short term 4 ˚C. For long term storage aliquot and store at -20 ˚C. As with all antibodies avoid freeze/thaw cycles.
CLONALITY:	Polyclonal
ISOTYPE:	IgG
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	TMEM123, KCT-3, KCT3, PORMIN, Transmembrane protein 123, Porimin, Serine/threonine-rich receptor
ACCESSION NO.:	Q8N131
PROTEIN GI NO.:	74728484
OFFICIAL SYMBOL:	TMEM123
GENE ID:	114908

Background

BACKGROUND:	Porimin was identified by a monoclonal antibody developed by immunizing mice with apoptotic cells. One of these antibodies, designated anti-Porimin (for pro-oncosis receptor inducing membrane injury), was found to directly induce a unique type of cell death in Jurkat cells by binding to a 110- kDa cell surface receptor on Jurkat cells. Anti-Porimin-mediated cell death was preceded by cell aggregation, formation of plasma membrane pores, and the appearance of membrane blebs. More important, these cells show neither DNA fragmentation nor apoptotic bodies, but display lethal damage of the cell membrane.

FOR RESEARCH USE ONLY

December 13, 2016