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Datasheet for ABIN2784103
anti-TMEM123 antibody (C-Term)

1 Image

Overview

Quantity:	100 µL
Target:	TMEM123
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMEM123 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human TMEM123
Sequence:	SSVTITTTMH SEAKKGSKFD TGSFVGGIVL TLGVLSILYI GCKMYYSTRRG
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against TMEM123. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TMEM123
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Target Details

Alternative Name: TMEM123 ([TMEM123 Products](#))

Background: TMEM123 is a highly glycosylated transmembrane protein with a high content of threonine and serine residues in its extracellular domain, similar to a broadly defined category of proteins termed mucins. Exposure of some cell types to anti-PORIMIN (pro-oncosis receptor inducing membrane injury) antibody, crosslinks this protein on the cell surface and induces a type of cell death termed oncosis. Oncosis is distinct from apoptosis and is characterized by a loss of cell membrane integrity without DNA fragmentation. TMEM123 is proposed to function as a cell surface receptor that mediates cell death. This gene encodes a highly glycosylated transmembrane protein with a high content of threonine and serine residues in its extracellular domain, similar to a broadly defined category of proteins termed mucins. Exposure of some cell types to anti-PORIMIN (pro-oncosis receptor inducing membrane injury) antibody, crosslinks this protein on the cell surface and induces a type of cell death termed oncosis. Oncosis is distinct from apoptosis and is characterized by a loss of cell membrane integrity without DNA fragmentation. This gene product is proposed to function as a cell surface receptor that mediates cell death.

Alias Symbols: KCT3, PORIMIN, PORMIN

Protein Interaction Partner: MAGEA11, ELAVL1,

Protein Size: 208

Molecular Weight: 19 kDa

Gene ID: 114908

NCBI Accession: [NM_052932](#), [NP_443164](#)

UniProt: [Q8N131](#)

Pathways: [Regulation of Cell Size](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 208 AA

Restrictions: For Research Use only

Handling

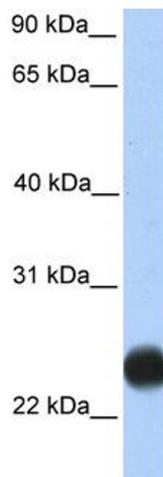
Format: Liquid

Concentration: Lot specific

Handling

Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-TMEM123 Antibody Titration:
0.2-1 ug/ml Positive Control: Human Placenta