

Rabbit anti-Mouse TMC1 Polyclonal Antibody | anti-TMC1 antibody

TMC1 Polyclonal Antibody

CATALOG # AAA280675	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Western Blot
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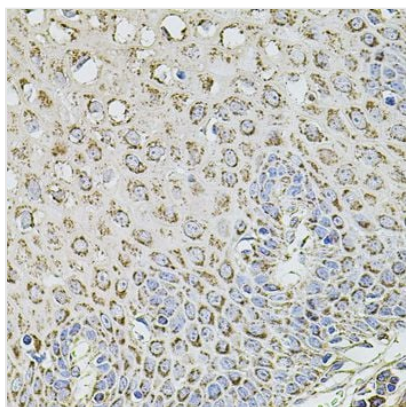
PRODUCT SYNONYMS

TMC1; Polyclonal Antibody; TMC1 Polyclonal Antibody; DFNB7; DFNA36; DFNB11; anti-TMC1 antibody

PRODUCT SPECIFICATIONS

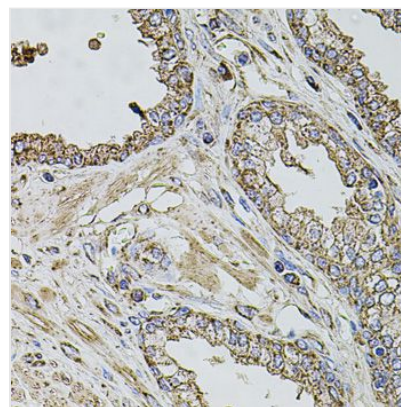
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Sequence Length	760
Applicable Applications for anti-TMC1 antibody	WB (Western Blot)
Immunogen	A synthetic peptide of human TMC1
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



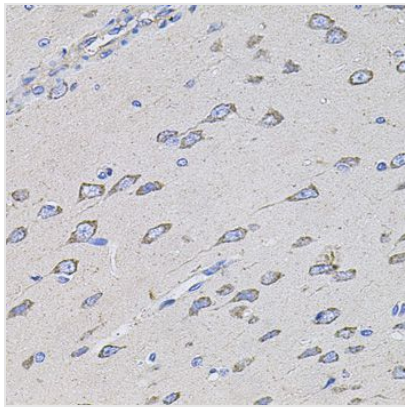
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human esophagus using TMC1 antibody at dilution of 1:100 (40x lens).



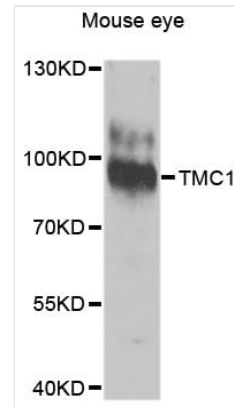
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human prostate using TMC1 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using TMC1 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of mouse eye, using TMC1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-TMC1 antibody	This gene is considered a member of a gene family predicted to encode transmembrane proteins. The specific function of this gene is unknown; however, it is known to be required for normal function of cochlear hair cells. Mutations in this gene have been associated with progressive postlingual hearing loss and profound prelingual deafness.
Product Categories/Family for anti-TMC1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	21071070
NCBI GeneID	117531
NCBI Accession #	NP_619636.2
NCBI GenBank Nucleotide #	NM_138691.2
UniProt Accession #	Q8TDI8; A8MVZ2; B1AM91
Molecular Weight	Calculated MW: 88kDa Molecular Weight: 760
NCBI Official Full Name	transmembrane channel-like protein 1
NCBI Official Synonym Full Names	transmembrane channel like 1
NCBI Official Symbol	TMC1
NCBI Official Synonym Symbols	DFNB7; DFNA36; DFNB11
NCBI Protein Information	transmembrane channel-like protein 1
UniProt Protein Name	Transmembrane channel-like protein 1
UniProt Gene Name	TMC1
UniProt Entry Name	TMC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.