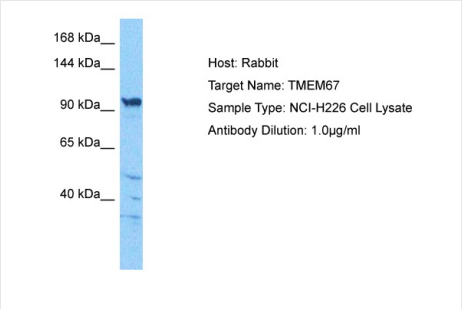
TMEM67 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TMEM67, Polyclonal Antibody
Full Product Name	TMEM67 Antibody - C-terminal region
Product Gene Name	anti-TMEM67 antibody
Product Synonym Gene Name	MKS3; JBTS6; NPHP11; TNEM67; MECKELIN;
Immunogen Sequence	Synthetic peptide located within the following region: FDLLFFCVVD LACQNFILAS FLTYLQQEIF RYIRNTVGQK NLASKTLVDQ
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purity/Purification	Affinity purified
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	TMEM67 peptide (MBS3245651) is used for blocking the activity of TMEM67 antibody (MBS3220854)
Molecular Weight	109 kDa
OMIM	209900
3D Structure	ModBase 3D Structure for Q5HYA8
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human TMEM67
Product Categories/Family for anti-TMEM67 antibody	Polyclonal; Membrane Protein; Mitochondria; Disease Related
Applications Tested/Suitable for anti-TMEM67 antibody	Western Blot (WB)
Related Product Information for anti-TMEM67 antibody	The protein encoded by this gene localizes to the primary cilium and to the plasma membrane. The gene functions in centriole migration to the apical membrane and formation of the primary cilium. Multiple transcript variants encoding different isoforms have been found for this gene. Defects in this gene are a cause of Meckel syndrome type 3 (MKS3) and Joubert syndrome type 6 (JBTS6).
Other Notes	Small volumes of anti-TMEM67 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TMEM67 purchase	MBS3220854 is an antibody targeting TMEM67. Also known as TMEM67 Antibody - C-terminal region. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-TMEM67 antibody
Host: RabbitTarget Name: TMEM67Sample Tissue: NCI-H226 Whole Cell lysatesAntibody Dilution: 1.0ug/ml

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TMEM67. It may not necessarily be applicable to this product.

NCBI GI #	214830753
NCBI GeneID	91147
NCBI Accession #	NP_001135773.1
UniProt Primary Accession #	Q5HYA8
UniProt Related Accession #	Q5HYA8
GenBank Nucleotide #	NM_001142301.1
NCBI Official Full Name	meckelin isoform 2
NCBI Official Synonym Full Names	transmembrane protein 67
NCBI Official Symbol	TMEM67
NCBI Official Synonym Symbols	MKS3; JBTS6; NPHP11; TNEM67; MECKELIN
UniProt Protein Name	Meckelin
UniProt Synonym Protein Names	Meckel syndrome type 3 protein; Transmembrane protein 67
Protein Family	Meckelin
UniProt Gene Name	TMEM67
UniProt Synonym Gene Names	MKS3
UniProt Entry Name	MKS3_HUMAN
NCBI Protein Information	meckelin
Research Articles on TMEM67	**1.** Kidney disease occurs in up to one third of patients with Joubert syndrome, most commonly in those with mutations in CEP290, TMEM67, and AHI1.
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Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/tmem67/3220854