

MaxPab®

OTOF purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009381-B01P

Size 500 ug

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human OTOF protein.

Immunogen

OTOF (AAI56052.1, 1 a.a. ~ 1230 a.a) full-length human protein.

Sequence

MIKTEKSYPERRLRGVLEELSCGCCRFSLADKDQGHSSRTRLDRELRKSCMRELENMGQQAR
MLRAQVKRHTVRDKLRLCQNFLQKLRLFLADEPQHSIPDIFWMMSSNNKRVAYARVPSKDLLFSVE
EETGKDCAKVKTLFLKLPGKRGFGSAGWTVQAKVELYLWLGLSKQRKEFLCGLPCGFQEVKAA
QGLGLHAFPPVSLVYTKKQAFQLRAHMYQARSLFAADSSGLSDPFARVFFINQSQCTEVLNETLC
PTWDQMLVFDNLELYGEAHELRDDPPIVIEYDQDSMGKADFMGRTEFAKPLVKMADEAYCPRF
PPQLEYQYIRGNATAGDLLAAAFELLQIGPAGKADLPPIINGPVDVDRGPIMPVPMGIRPVLSKYRVE
VLFWGLRDLKRVNLAQVDRPRVDIECAGKGVQSSLIHNYKKNPNFNTLVKWFEDLPENELLHPP
LNIRVVDCRAFGRYTLVGSHAVSSLRRFIYRPPDRSAPSWNTTGEVVVTMEPEVPIKKLETMVKLD
ATSEAVVKVDVAEEEEKEKKKKKKGTAEPEEEEEPDSEMLDWWSKYFASIDTMKEQLRQQEPS
GIDLEEKEEVDNTEGLKGSMDGKEKARAAKEEKKKKKTQSSGSGQGSEAPEKKKPKIDELKVYPK
ELESEFDNFEDWLHTFNLLRGKTGDDDEDGSTEEERIVGRFKGSLCVYKVPLPEDVSREAGYDST
YGMFQGIPSNDPINVLVRVYVVRATDLHPADINGKADPYAIRLGKTDIRDKENYISKQLNPVFGKSF
DIEASFPMESMLTVAVYDWDLVGTDDLIGETKIDLENRFYSKHRATCGIAQTYSTHGYNIWRDPMK
PSQILTRLCKDGKVDGPHFGPPGRVKVANRVFTGPSEIEDENGQRKPTDEHVALLALRHWDIPR
AGCRLVPEHVETRPLLNDPKPGIEQGRLELWVDMFPMMPAGTPLDISPRKPKKYELRVIWNT
DEVVLEDDDDFFTGEKSSDIFVRGWLKGQQEDKQDQTDVHYHSLTGEGNFNWRYLFPFDYLAEE
KIVISKESMFSWDETEYKIPARLTQWDADHFSADDFLGAIELDLNRFPRGAKTAKQCTMEMAT
GEVDVPLVSIFKQKRVKGGWWPLLARNENDEFELTGKVEAELHLLTAEAAEKNPVGLARNEPDPL
EKPNNRPDTAFVWFLNPLKSIKYLICTRYKWLIIKMLALLGLLMLGLFLYSLPGYIMVKKLLGA

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (92); Rat (92)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — OTOF

Entrez GeneID	9381
GeneBank Accession#	BC156051.1
Protein Accession#	AAI56052.1
Gene Name	OTOF
Gene Alias	DFNB6, DFNB9, FER1L2, NSRD9
Gene Description	otoferlin
Omim ID	601071 603681
Gene Ontology	Hyperlink
Gene Summary	Mutations in this gene are a cause of neurosensory nonsyndromic recessive deafness, DFNB9. The short form of the encoded protein has 3 C2 domains, a single carboxy-terminal transmembrane domain found also in the C. elegans spermatogenesis factor FER-1 and human dysferlin, while the long form has 6 C2 domains. The homology suggests that this protein may be involved in vesicle membrane fusion. Several transcript variants encoding multiple isoforms have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000122454 OTTHUMP00000122455

Disease

- [Deafness](#)
- [Hearing Loss](#)