OTOP1 Positive Control

PRODUCT OVERVIEW

Product Name	OTOP1, Positive Control
Full Product Name	OTOP1 Positive Control
Product Gene Name	OTOP1 positive control
Concentration	The concentration of the sample is empirically set so that 20 ul per lane in Western and blotted with corresponding affinity purified antibody will give a clean band with a high signal to noise ratio on the gel. (lot specific)
Preparation and Storage	Store at -20 degree C for long term storage
Matching Pairs	Antibody: OTOP1 (MBS5401196) Positive Control: OTOP1 (MBS5401288)
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Molecular Weight	67,353 Da
Chromosome Location	Chromosome: 4; NC_000004.11 (4190530..4228621, complement). Location: 4p16.3
OMIM	607806
3D Structure	ModBase 3D Structure for Q7RTM1
Immunogen	Puriied Otopetrin-1
Product Categories/Family for OTOP1 positive control	Biomolecule
Applications Tested/Suitable for OTOP1 positive control	Western Blot (WB)
Related Product Information for OTOP1 positive control	MBS5401288 is a positive control targeting OTOP1. Western Blot Positive Control Otopetrin-1
Other Notes	Small volumes of OTOP1 positive control 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OTOP1. It may not necessarily be applicable to this product.

NCBI GI #	29725635
NCBI GeneID	133060
NCBI Accession #	NP_819056.1
UniProt Primary Accession #	Q7RTM1
UniProt Secondary Accession #	A1L476
UniProt Related Accession #	Q7RTM1
GenBank Nucleotide #	NM_177998.1
NCBI Official Full Name	otopetrin-1

NCBI Official Synonym Full Names	otopetrin 1
NCBI Official Symbol	OTOP1
UniProt Protein Name	Otopetrin-1
Protein Family	Otopetrin
UniProt Gene Name	OTOP1
UniProt Entry Name	OTOP1_HUMAN
NCBI Protein Information	otopetrin-1
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Online datasheet: https://www.mybiosource.com/positive-control/otop1/5401288