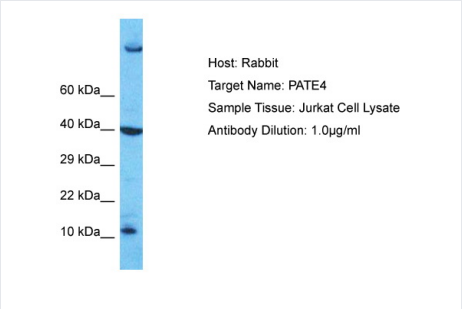
PATE4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PATE4, Polyclonal Antibody
Full Product Name	PATE4 Antibody - middle region
Product Gene Name	anti-PATE4 antibody
Product Synonym Gene Name	PATE-B
Immunogen Sequence	Synthetic peptide located within the following region: KENELCSTTA YFRGDKHMYS THMCKYKCRE EESSKRGLLR VTLCCDRNFC
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	PATE4 peptide (MBS3243741) is used for blocking the activity of PATE4 antibody (MBS3218849)
Molecular Weight	10kDa
3D Structure	ModBase 3D Structure for P0C8F1
Homology	Human: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of Human PATE4
Product Categories/Family for anti-PATE4 antibody	Polyclonal; Signaling Intermediate
Applications Tested/Suitable for anti-PATE4 antibody	Western Blot (WB)
Related Product Information for anti-PATE4 antibody	This is a rabbit polyclonal antibody against PATE4. It was validated on Western Blot Target Description: PATE4 may modulate the function of nicotinic acetylcholine receptors and may enhance sperm motility.
Other Notes	Small volumes of anti-PATE4 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 PATE4 purchase	MBS3218849 is an antibody targeting PATE4. Also known as PATE4 Antibody - middle region. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-PATE4 antibody
Host: RabbitTarget Name: PATE4Sample Type: Jurkat Whole Cell lysatesAntibody Dilution: 1.0ug/ml

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PATE4. It may not necessarily be applicable to this product.

NCBI GI #	221554530
NCBI GeneID	399968
NCBI Accession #	NP_001138346
UniProt Primary Accession #	P0C8F1
UniProt Related Accession #	P0C8F1
GenBank Nucleotide #	NM_001144874
NCBI Official Full Name	prostate and testis expressed protein 4
NCBI Official Synonym Full Names	prostate and testis expressed 4
NCBI Official Symbol	PATE4
NCBI Official Synonym Symbols	PATE-B
UniProt Protein Name	Prostate and testis expressed protein 4
UniProt Synonym Protein Names	PATE-like protein B; PATE-B
Protein Family	Prostate and testis expressed protein
UniProt Gene Name	PATE4
UniProt Synonym Gene Names	PATE-B
UniProt Entry Name	PATE4_HUMAN
NCBI Protein Information	prostate and testis expressed protein 4
Research Articles on PATE4	**1.** PATE proteins are involved in sperm-oolemma fusion and penetration but not sperm-zona binding.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/pate4/3218849