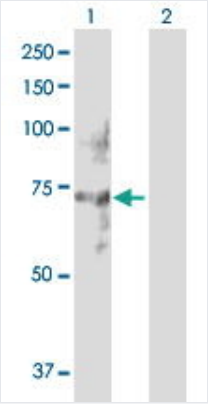
NET1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NET1, Polyclonal Antibody
Full Product Name	NET1 (Neuroepithelial Cell-transforming Gene 1 Protein, Proto-oncogene p65 Net1, Rho Guanine Nucleotide Exchange Factor 8, ARHGEF8) (AP)
Product Gene Name	anti-NET1 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human NET1.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only pri
Molecular Weight	61,885 Da
Immunogen	Full-length human NET1, aa1-542 (NP_005854.2).
Immunogen Sequence	MVAHDETGGLLPIKRTIRVLDVNNQSFREQEEPSNKRVRPLARVTSLANLISPVRNGAVRRFGQTIQSFTLRGDHRSPASAQKFSSRSTVPTPAKRRSSAL
Conjugate	AP
Note	Preservative Free
Product Categories/Family for anti-NET1 antibody	Antibodies; GTPase; Rab; Ras; Rho Proteins
Applications Tested/Suitable for anti-NET1 antibody	Western Blot (WB)
Application Notes for anti-NET1 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-NET1 antibody	Acts as guanine nucleotide exchange factor (GEF) for RhoA GTPase. May be involved in activation of the SAPK/JNK pathway Stimulates genotoxic str
Other Notes	Small volumes of anti-NET1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessa

Searchable Terms for NET1 purchase	MBS6386875 is an antibody targeting NET1. Also known as NET1 (Neuroepithelial Cell-transforming Gene 1 Protein, Proto-oncogene p65 Net1, Rho G



Western Blot (WB) of anti-NET1 antibody
Western Blot analysis of NET1 expression in transfected 293T cell line by NET1 polyclonal antibody. Lane 1: NET1 transfected lysate (61.9kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NET1. It may not necessarily be applicable to this product.

NCBI GI #	396080288
NCBI GeneID	10276
NCBI Accession #	NP_005854.2
UniProt Secondary Accession #	Q12773; Q96D82; Q99903; Q9UEN6
UniProt Related Accession #	Q7Z628
GenBank Nucleotide #	NM_005863.2
NCBI Official Full Name	Homo sapiens neuroepithelial cell transforming 1 (NET1), transcript variant 2, mRNA
NCBI Official Synonym Full Names	neuroepithelial cell transforming 1
NCBI Official Symbol	NET1
NCBI Official Synonym Symbols	NET1A; ARHGEF8
Protein Family	Neuroepithelial cell-transforming gene 1 protein
NCBI Protein Information	neuroepithelial cell-transforming gene 1 protein; Rho guanine nucleotide exchange factor (GEF) 8; guanine nucleotide regulatory protein (oncogene); neuroepithelioma transforming gene 1; p65 Net1 proto-oncogene protein; small GTP-binding protein regulator
NCBI Summary for NET1	This gene is part of the family of Rho guanine nucleotide exchange factors. Members of this family activate Rho proteins by catalyzing the exchange of GDP for GTP. The protein encoded by this gene interacts with RhoA within the cell nucleus and may play a role in repairing DNA damage after ionizing radiation. Pseudogenes of this gene are located on the long arms of chromosomes 1, 7 and 18. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Jul 2012]
Research Articles on NET1	**1.** The overexpression of NET-1 in tumor cells may be closely related to the malignant phenotype of skin squamous cell carcinoma including proliferation, invasion and tumor growth.
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