

Rabbit NET1 Polyclonal Antibody | anti-NET1 antibody

NET1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326121	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

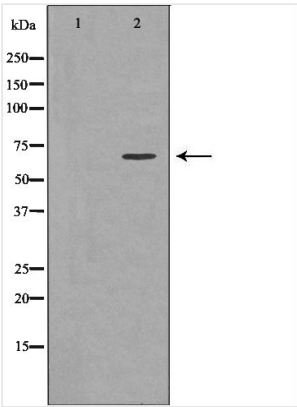
PRODUCT SYNONYMS

NET1; Polyclonal Antibody; NET1 Antibody; ARHG8_HUMAN; ARHGEF8; GLYT2; Guanine nucleotide regulatory protein oncogene; MGC114559; MGC127767; MGC53602; mNET1; Net1; NET1A; Neuroepithelial cell transforming gene 1; Neuroepithelial cell-transforming gene 1 protein; p65 Net1 proto oncogene; Proto-oncogene p65 Net1; Rho guanine nucleotide exchange factor 8; Rho guanine nucleotide exchange factor GEF 8; anti-NET1 antibody

PRODUCT SPECIFICATIONS

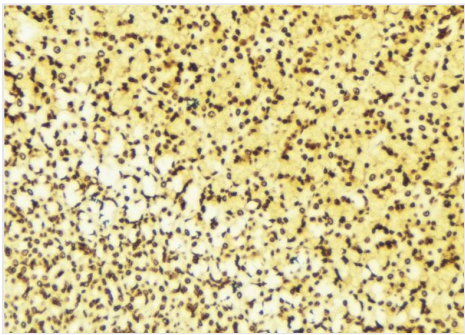
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NET1 antibody detects endogenous levels of total NET1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	596
Applicable Applications for anti-NET1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NET1
Subcellular Location	Cytoplasm. Nucleus.
Tissue Specificity	Widely expressed.
Predicted Cross Reactivity	Zebrafish
Similarity	Zebrafish (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of Jurkat using NET1 antibody. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA326121 at 1/100 staining Human gastric tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-NET1 antibody

Description: 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]

Function: Acts as guanine nucleotide exchange factor (GEF) for RhoA GTPase. May be involved in activation of the SAPK/JNK pathway Stimulates genotoxic stress-induced RHOB activity in breast cancer cells leading to their cell death.

Subunit Structure: Interacts with RHOA in its GTP-and GDP-bound states, and with CDC42 in its GTP-bound state. Interacts with the PDZ 1 domain of BAIAP1 (By similarity).

NCBI AND UNIPROT INFORMATION

NCBI GI #	114145479
NCBI GeneID	10276
NCBI Accession #	NP_001040625.1
NCBI GenBank Nucleotide #	NM_001047160.2
UniProt Accession #	Q7Z628; Q12773; Q96D82; Q99903; Q9UEN6
Molecular Weight	Observed: 68 kDa Predicted: 68 kDa
NCBI Official Full Name	neuroepithelial cell-transforming gene 1 protein isoform 1
NCBI Official Synonym Full Names	neuroepithelial cell transforming 1
NCBI Official Symbol	NET1
NCBI Official Synonym Symbols	NET1A; ARHGEF8
NCBI Protein Information	neuroepithelial cell-transforming gene 1 protein
UniProt Protein Name	Neuroepithelial cell-transforming gene 1 protein
UniProt Gene Name	NET1
UniProt Synonym Gene Names	ARHGEF8

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/net1-antibody-immunohistochemistry-western-blot-elisa/326121>