10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

NET1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17382C

Product Information

Application	WB, E
Primary Accession	Q7Z628
Other Accession	NP_001040625.1, NP_005854.2
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB30330
Calculated MW	67740
Antigen Region	356-385

Additional Information

Gene ID	10276
Other Names	Neuroepithelial cell-transforming gene 1 protein, Proto-oncogene p65 Net1, Rho guanine nucleotide exchange factor 8, NET1, ARHGEF8
Target/Specificity	This NET1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 356-385 amino acids from the Central region of human NET1.
Dilution	WB~~1:1000-1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	NET1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NET1
Synonyms	ARHGEF8

Function	Acts as a 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.
Cellular Location	Cytoplasm. Nucleus.
Tissue Location	Widely expressed..

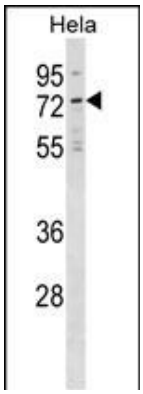
Background

NET1 acts as guanine nucleotide exchange factor (GEF) for RhoA GTPase. May be involved in activation of the SAPK/JNK pathway (By similarity).

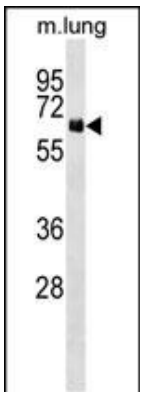
References

Lee, J., et al. J. Biol. Chem. 285(34):26618-26627(2010)
Carr, H.S., et al. J. Biol. Chem. 284(36):24269-24280(2009)
Gilcrease, M.Z., et al. Cancer Epidemiol. Biomarkers Prev. 18(1):80-86(2009)
Murray, D., et al. Br. J. Cancer 99(8):1322-1329(2008)
Guerra, L., et al. PLoS ONE 3 (5), E2254 (2008) :

Images



NET1 Antibody (Center) (Cat. #AP17382c) western blot analysis in Hela cell line lysates (35ug/lane).This demonstrates the NET1 antibody detected the NET1 protein (arrow).



NET1 Antibody (Center) (Cat. #AP17382c) western blot analysis in mouse lung tissue lysates (35ug/lane).This demonstrates the NET1 antibody detected the NET1 protein (arrow).

Citations

- Multi-target siRNA: Therapeutic Strategy for Hepatocellular Carcinoma.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.