Datasheet for ABIN908028

anti-NET1 antibody (AA 331-430) (AbBy Fluor® 647)

1 Publication

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Overview

Quantity:	100 µL
Target:	NET1
Binding Specificity:	AA 331-430
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NET1 antibody is conjugated to AbBy Fluor® 647
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NET1
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	NET1
Alternative Name:	NET1 (NET1 Products)

Target Details

Background:	Synonyms: mNET1, ARHGEF8, GLYT2, Guanine nucleotide regulatory protein oncogene, NET1A, Neuroepithelial cell transforming gene 1, p65 Net1 proto oncogene, Rho guanine nucleotide exchange factor GEF 8, ARHG8_HUMAN. Background: 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.
Gene ID:	10276
Pathways:	Neurotrophin Signaling Pathway

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

Publications

Product cited in:	Wiesbauer, Wollhofen, Vasic, Schilcher, Jacak, Klar: "Nano-Anchors with Single Protein Capacity Produced with STED Lithography." in: **Nano letters**, Vol. 13, Issue 11, pp. 5672-8, (2013) (PubMed).