

Anti-NET1 Polyclonal Antibody 2

Product Details

Ig Type:	IgG
Reactivity:	Human, Mouse (predicted: Rat, Chicken, Dog, Cow, Horse)
Molecular Weight:	Theoretical: 65 kDa. Actual: 65 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (NET1) Polyclonal Antibody, Unconjugated (TMAB-09362) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
	2. Sample: JurkaT (Human) Cell Lysate at 30 µg
	Primary: Anti-NET1 (TMAB-09362) at 1/1000 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 65 kD
	Observed band size: 65 kD
	3. Blank control (black line): HepG2.
	Primary Antibody (green line): Rabbit Anti-NET1 antibody (TMAB-09362)
	Dilution: 2 µg/Test;
	Secondary Antibody (white blue line): Goat anti-rabbit IgG-FITC
Dilution: 0.5 µg/Test.	
Isotype control (orange line): Normal Rabbit IgG	
Protocol	The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.
Application:	WB, IHC-P, IHC-Fr, IF, FCM
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; FCM: 2µg/Test

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human NET1
Antigen Species: Human
Gene ID: 10276
Uniprot ID: Q7Z628

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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