bs-10186R

[Primary Antibody]

NET1 Rabbit pAb

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DATASHEET

Host: Rabbit
Isotype: IgG
Clonality: Polyclonal
GeneID: 10276
SWISS: Q7Z628
Target: NET1
Immunogen: KLH conjugated synthetic peptide derived from human NET1: 151-250/596.
Purification: affinity purified by Protein A
Concentration: 1mg/ml
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
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.

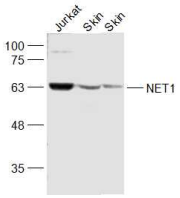
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
ICC/IF (1:25)

Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Sheep, Cow, Chicken, Dog, Horse)

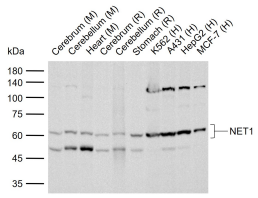
Predicted MW.: 65 kDa

Subcellular Location: Cytoplasm ,Nucleus

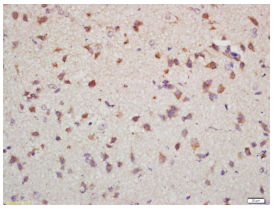
VALIDATION IMAGES



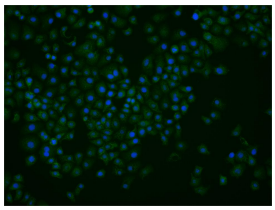
Sample: Jurkat(Human) Cell Lysate at 30 ug Skin (Mouse) Lysate at 40 ug Skin (Rat) Lysate at 40 ug Primary: Anti-NET1 (bs-10186R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 65 kD Observed band size: 65 kD



Sample: Lane 1: Mouse Cerebrum tissue lysates Lane 2: Mouse Cerebellum tissue lysates Lane 3: Mouse Heart tissue lysates Lane 4: Rat Cerebrum tissue lysates Lane 5: Rat Cerebellum tissue lysates Lane 6: Rat Stomach tissue lysates Lane 7: Human K562 cell lysates Lane 8: Human A431 cell lysates Lane 9: Human HepG2 cell lysates Lane 10: Human MCF-7 cell lysates Primary: Anti-NET1 (bs-10186R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 65 kDa Observed band size: 62 kDa



Tissue/cell: mouse brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-NET1 Polyclonal Antibody, Unconjugated(bs-10186R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



HepG2 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (NET1) polyclonal Antibody, Unconjugated (bs-10186R) 1:25, 90

minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.