bs-10186R

[Primary Antibody]

NET1 Rabbit pAb

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DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 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)

Reactivity: Human, Mouse, Rat

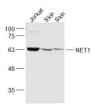
(predicted: Rabbit, Pig, Sheep, Cow, Chicken, Dog,

Horse)

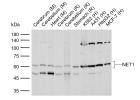
Predicted 65 kDa MW.:

Subcellular Cytoplasm , Nucleus

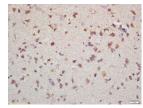
VALIDATION IMAGES



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 paraffinembedded: 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