bs-5029R

[Primary Antibody]

SAHH Rabbit pAb

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DATASHEET

Host: Rabbit
Isotype: IgG
Clonality: Polyclonal
GeneID: 191
SWISS: P23526
Target: SAHH
Immunogen: KLH conjugated synthetic peptide derived from human SAHH: 25-125/432.
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: Adenosylhomocysteine is a competitive inhibitor of S-adenosyl-L-methionine-dependent methyl transferase reactions; therefore adenosylhomocysteinase may play a key role in the control of methylations via regulation of the intracellular concentration of adenosylhomocysteine.

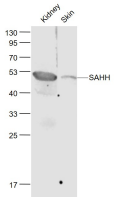
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
Flow-Cyt (1ug/Test)

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

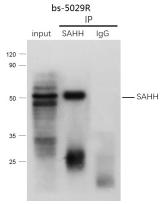
Predicted MW.: 48 kDa

Subcellular Location: Cytoplasm

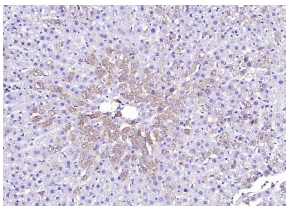
VALIDATION IMAGES



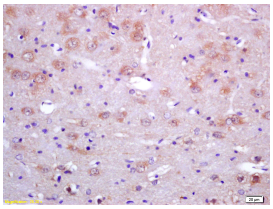
Sample: Kidney (Mouse) Lysate at 40 ug Skin (Mouse) Lysate at 40 ug Primary: Anti- SAHH (bs-5029R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 48 kD Observed band size: 48 kD



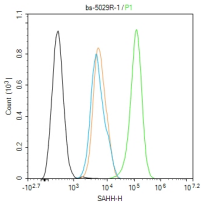
SAHH was immunoprecipitated from mouse kidney tissue with bs-5029R at 1/150 dilution. Western blot was performed from the immunoprecipitate using protein A/G beads. HRP Conjugated Mouse anti-Rabbit IgG (Light Chain specific) was used as secondary antibody at 1:5000 dilution. Lane 1: mouse kidney tissue lysate 10 µg (Input). Lane 2: bs-5029R IP in mouse kidney tissue lysate. Lane 3: native rabbit IgG IP in mouse kidney tissue lysate (negative control). Secondary All lanes : Mouse anti-Rabbit IgG (Light Chain specific), HRP Conjugated, 1:5000



Paraformaldehyde-fixed, paraffin embedded (rat liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (SAHH) Polyclonal Antibody, Unconjugated (bs-5029R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Tissue/cell: rat 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:



Blank control（black line）:Hela. Primary Antibody (green line): Rabbit Anti-SAHH antibody (bs-5029R) Dilution:1ug/Test; Secondary Antibody（white blue line）: Goat anti-rabbit IgG-AF488 Dilution: 0.5ug/Test. Isotype control（orange line）: Normal Rabbit IgG Protocol The cells were fixed with 4% PFA

Anti-SAHH Polyclonal Antibody, Unconjugated(bs-5029R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

(10min 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.

SELECTED CITATIONS

- **[IF=4.08]** Huang, Xiaohong, Pin Huan, and Baozhong Liu. "A comparative proteomic analysis reveals important proteins for the fertilization and early embryonic development of the oyster Crassostrea gigas." PROTEOMICS (2016). WB,ICC ;="Others". 27880033