

ADRB3 Rabbit pAb

Catalog Number: bs-10921R

Target Protein: ADRB3

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

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, Horse)

Predicted MW: 44 kDa

Entrez Gene: 155

Swiss Prot: P13945

Source: KLH conjugated synthetic peptide derived from human ADRB3: 51-150/408.

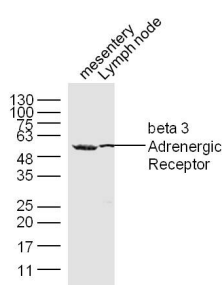
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

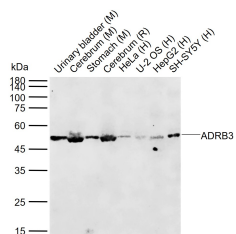
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: beta 3 Adrenergic Receptor is located mainly in adipose tissue and is involved in the regulation of lipolysis and thermogenesis. Beta adrenergic receptors are involved in the epinephrine and norepinephrine-induced activation of adenylate cyclase through the action of G proteins. beta 3 Adrenergic Receptor expression has been documented in adipose tissues, heart, and in smooth muscle of digestive and urinary tract organs (bladder, colon, small intestine, stomach, ureter). Utilization of alternate promoters and/or 3-prime untranslated regions may result in tissue-specific regulation of the expression of this protein.

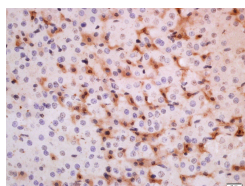
VALIDATION IMAGES



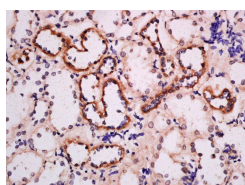
Sample: mesentery (mouse) Lysate at 40 ug lymph node (Mouse) Lysate at 40 ug Primary: Anti-ADRB3/beta 3 Adrenergic Receptor(bs-10921R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 44 kD Observed band size: 44 kD



Sample: Lane 1: Mouse Urinary bladder tissue lysates Lane 2: Mouse Cerebrum tissue lysates Lane 3: Mouse Stomach tissue lysates Lane 4: Rat Cerebrum tissue lysates Lane 5: Human HeLa cell lysates Lane 6: Human U-2 OS cell lysates Lane 7: Human HepG2 cell lysates Lane 8: Human SH-SY5Y cell lysates Primary: Anti-ADRB3 (bs-10921R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 44 kDa Observed band size: 48 kDa



Tissue/cell: Rat adrenal gland; 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-ADRB3 Polyclonal Antibody, Unconjugated(bs-10921R) 1:200, overnight at 4 °C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: Human kidney 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-ADRB3 Polyclonal Antibody, Unconjugated(bs-10921R) 1:200, overnight at 4 °C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining