

bs-10921R

[Primary Antibody]

ADRB3 Rabbit pAb

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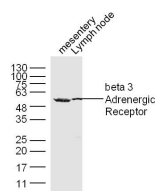
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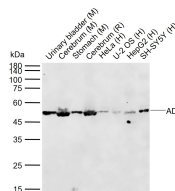
— DATASHEET —

Host: Rabbit	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 Subcellular Location: Cell membrane
Clonality: Polyclonal		
GeneID: 155	SWISS: P13945	
Target: ADRB3		
Immunogen: KLH conjugated synthetic peptide derived from human ADRB3: 51-150/408. < Extracellular >		
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: 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 epenephrine 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.		

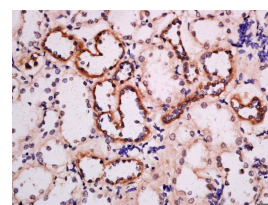
— VALIDATION IMAGES —



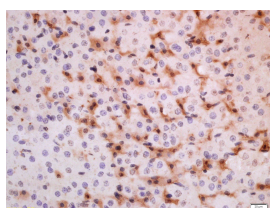
Sample: mesentery (mouse) Lysate at 40 ug
lymph node (Mouse) Lysate at 40 ug Primary:
Anti-ADRB3/beta 3 Adrenergic
Receptor(bs-10921R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 44 kD
Observed band size: 44 kD



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: 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℃ for 20 min; Incubation:
Anti-ADRB3 Polyclonal Antibody,
Unconjugated(bs-10921R) 1:200, overnight at
4℃, followed by conjugation to the secondary
antibody(SP-0023) and DAB(C-0010) staining



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

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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