

Anti-ADRB3 Polyclonal Antibody 2

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:Horse,Rabbit)
Molecular Weight:	Theoretical: 44 kDa. Actual: 48 kDa.
Purification:	Protein A purified

Applications

1. 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 (TMAB-00073) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 44 kDa

Observed band size: 48 kDa

2. Tissue/cell: Rat adrenal gland; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min;

Incubation: Anti-ADRB3 Polyclonal Antibody, Unconjugated (TMAB-00073) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAb staining.

3. Tissue/cell: Human kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min;

Incubation: Anti-ADRB3 Polyclonal Antibody, Unconjugated (TMAB-00073) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAb staining.

4. Sample:

mesentery (mouse) Lysate at 40 µg

lymphnode (Mouse) Lysate at 40 µg

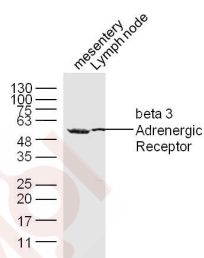
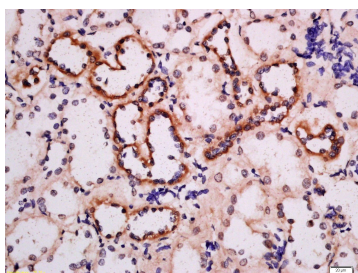
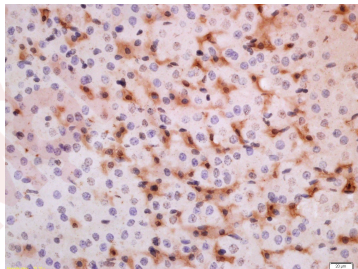
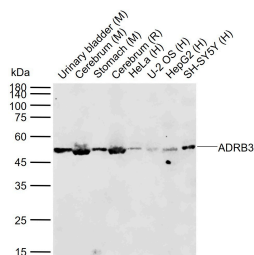
Primary: Anti-ADRB3/beta 3 Adrenergic Receptor (TMAB-00073) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 44 kDa

Observed band size: 44 kDa

Verified Activity:



Application: IF,IHC-Fr,IHC-P,WB

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human ADRB3

Antigen Species: Human

Gene ID: 155

Uniprot ID: P13945

Synonyms: Adrenergic beta 3 receptor;beta3-AR;ADRB3R;beta 3 adrenoreceptor;beta 3 Adrenergic Receptor;beta 3AR;B3AR;BETA3AR;ADRB3;beta3-adrenergic receptor;ADR B3;ADRB 3;beta 3 adrenoreceptor

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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