

## ADRB3 Antibody

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 251434

**Unit:** 0.1 mg

**Description:**

Beta-3 adrenergic receptor (ADRB3) mediates the catecholamine-induced activation of adenylate cyclase through the action of G proteins. ADRB3 is involved in the regulation of lipolysis and thermogenesis. The ADRB3 variant Arg-64 has been linked to weight gain (obesity) and susceptibility to non-insulin-dependent diabetes mellitus (NIDDM).

**Isotype:** Rabbit Ig

**Applications:** E, IHC, WB

**Species Reactivity:** H, M, R

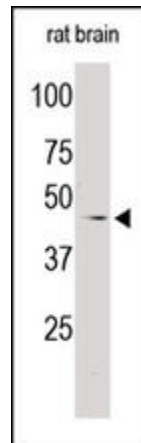
**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 0.1 mg/ml BSA, 25% glycerol with 0.09% sodium azide. Antibody was purified by Protein-A and immunogen affinity chromatography.

**Alternate Names:** ADRB3; Beta-3 adrenergic receptor; Beta-3 adrenoreceptor; Beta-3 adrenoceptor; ADRB3R, B3AR

**Accession No.:** P13945

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human ADRB3.

**Application Notes:** E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



**The ADRB3 Antibody (Cat. No. 251434) is used in Western blot to detect ADRB3 in rat brain tissue lysate.**

**Storage:** Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

**Product Citations:** Stiles J et al. 2013. PLoS ONE. 8(3):e60021. PMID# 23555867.

For research use only, not for diagnostic or therapeutic procedures.