

ADRB3 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21726c**Specification**

ADRB3 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	P13945
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	43519

ADRB3 Antibody (Center) - Additional Information**Gene ID** 155**Other Names**

Beta-3 adrenergic receptor, Beta-3 adrenoreceptor, Beta-3 adrenoceptor, ADRB3, ADRB3R, B3AR

Target/Specificity

This ADRB3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 216-249 amino acids from the Central region of human ADRB3.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ADRB3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

ADRB3 Antibody (Center) - Protein Information**Name** ADRB3**Synonyms** ADRB3R, B3AR**Function** Beta-adrenergic receptors mediate the catecholamine-induced activation of adenylate

cyclase through the action of G proteins. Beta- 3 is involved in the regulation of lipolysis and thermogenesis.

Cellular Location

Cell membrane; Multi-pass membrane protein.

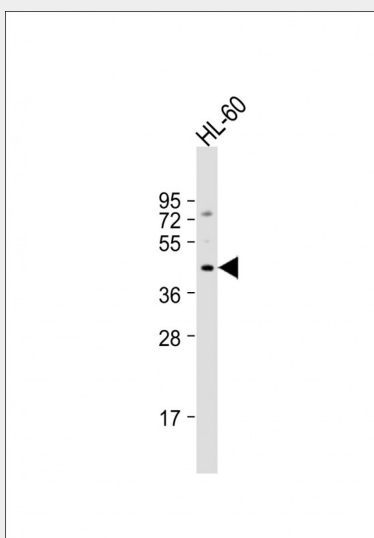
Tissue Location

Expressed mainly in adipose tissues.

ADRB3 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ADRB3 Antibody (Center) - Images

Anti-ADRB3 Antibody (Center) at 1:1000 dilution + HL-60 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 44 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

ADRB3 Antibody (Center) - Background

Beta-adrenergic receptors mediate the catecholamine- induced activation of adenylate cyclase through the action of G proteins. Beta-3 is involved in the regulation of lipolysis and thermogenesis.

ADRB3 Antibody (Center) - References

Emorine L.J.,et al.Science 245:1118-1121(1989).
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Lelias J.M.,et al.FEBS Lett. 324:127-130(1993).

Kopatz S.A.,et al.Submitted (NOV-2003) to the EMBL/GenBank/DDBJ databases.

Granneman J.G.,et al.Mol. Pharmacol. 42:964-970(1992).