

AR- β 3 rabbit pAb**Cat#: orb767802 (Manual)**

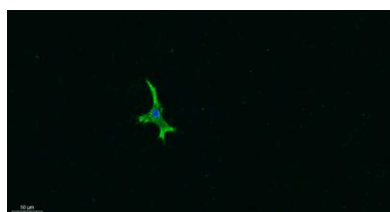
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Product Name	AR- β 3 rabbit pAb
Host species	Rabbit
Applications	WB IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:500-2000 IF 1:100-300 ELISA 1:5000-20000 Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human ADRB3. AA range:250-299
Specificity	AR- β 3 Polyclonal Antibody detects endogenous levels of AR- β 3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Beta-3 adrenergic receptor
Gene Name	ADRB3
Cellular localization	Cell membrane; Multi-pass membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

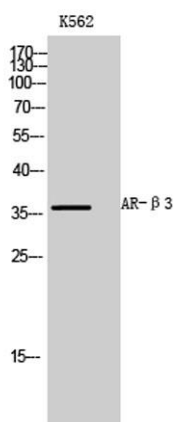
Concentration	1 mg/ml
Observed band	36kD
Human Gene ID	155
Human Swiss-Prot Number	P13945
Alternative Names	ADRB3; ADRB3R; B3AR; Beta-3 adrenergic receptor; Beta-3 adrenoreceptor; Beta-3 adrenoceptor

Background

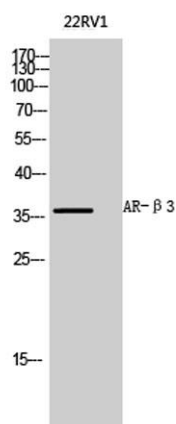
The protein encoded by this gene belongs to the family of beta adrenergic receptors, which mediate catecholamine-induced activation of adenylate cyclase through the action of G proteins. This receptor is located mainly in the adipose tissue and is involved in the regulation of lipolysis and thermogenesis. [provided by RefSeq, Feb 2009],



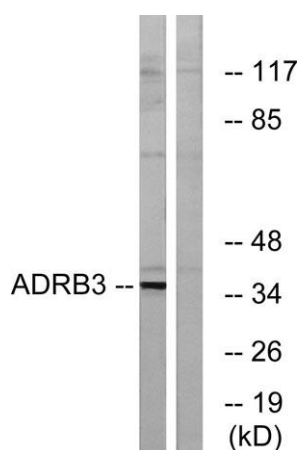
Immunofluorescence analysis of A549. 1,primary Antibody was diluted at 1:200(4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 488 Secondary antibody was diluted at 1:1000(room temperature, 50min).3, Picture B: DAPI(blue) 10min.



Western Blot analysis of K562 cells using AR-β3 Polyclonal Antibody diluted at 1:1000



Western Blot analysis of 22RV1 cells using AR-β3 Polyclonal Antibody diluted at 1:1000



Western blot analysis of lysates from K562 cells, using ADRB3 Antibody. The lane on the right is blocked with the synthesized peptide.