



AR-β3 Polyclonal Antibody

Catalog No	YP-Ab-13152
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB IF;ELISA
Gene Name	ADRB3
Protein Name	Beta-3 adrenergic receptor
Immunogen	The antiserum was produced against synthesized peptide derived from human ADRB3. AA range:250-299
Specificity	AR-β3 Polyclonal Antibody detects endogenous levels of AR-β3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 IF 1:100-300 ELISA 1:5000-20000 Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ADRB3; ADRB3R; B3AR; Beta-3 adrenergic receptor; Beta-3 adrenoreceptor; Beta-3 adrenoceptor
Observed Band	36kD
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Expressed mainly in adipose tissues.
Function	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.,polymorphism:The variant Arg-64 seems to be associated with weight gain (obesity) and to is also associated with susceptibility to non-insulin-dependent diabetes mellitus (NIDDM).,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Expressed mainly in adipose tissues.,
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],



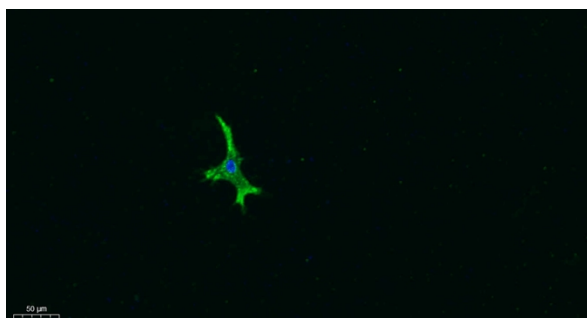
matters needing attention

Avoid repeated freezing and thawing!

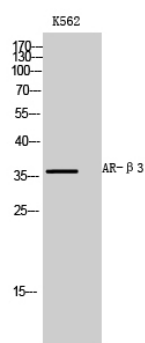
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

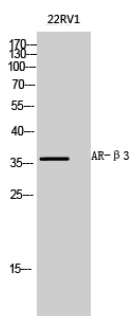
Products Images



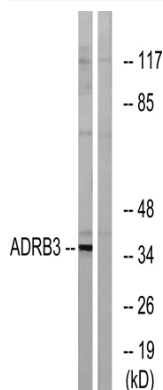
Immunofluorescence analysis of A549. 1, primary Antibody was diluted at 1:200 (4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 488 Secondary antibody was diluted at 1:1000 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min.



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.