



# AR- $\beta$ 3 rabbit pAb

Cat No.:ES4927

For research use only

## Overview

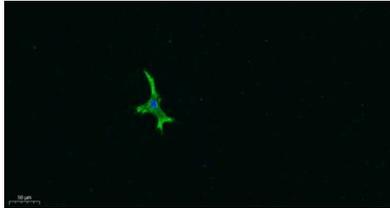
<b>Product Name</b>	AR- $\beta$ 3 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	WB 1:500-2000 IF 1:100-300 ELISA 1:5000-20000 Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human ADRB3. AA range:250-299
<b>Specificity</b>	AR- $\beta$ 3 Polyclonal Antibody detects endogenous levels of AR- $\beta$ 3 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Beta-3 adrenergic receptor
<b>Gene Name</b>	ADRB3
<b>Cellular localization</b>	Cell membrane; Multi-pass membrane protein.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	36kD
<b>Human Gene ID</b>	155
<b>Human Swiss-Prot Number</b>	P13945
<b>Alternative Names</b>	ADRB3; ADRB3R; B3AR; Beta-3 adrenergic receptor; Beta-3 adrenoreceptor; Beta-3 adrenoceptor
<b>Background</b>	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



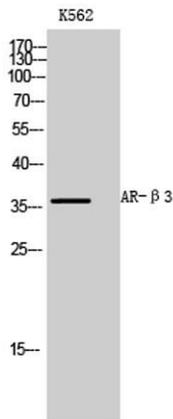


thermogenesis. [provided by RefSeq, Feb 2009],

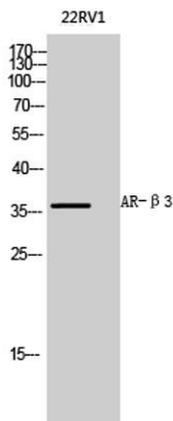
Immunofluorescence analysis of A549. 1, primary Antibody was diluted at 1:200(4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 488 Secondary antibody was diluted at 1:1000(room temperature, 50min).3, Picture B: DAPI(blue) 10min.



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

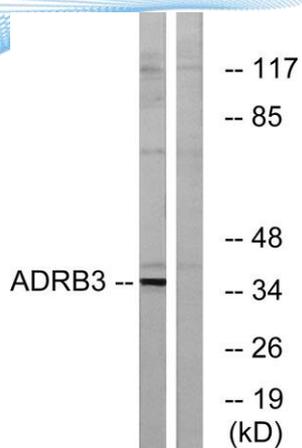


Western Blot analysis of 22RV1 cells using AR-β3 Polyclonal Antibody diluted at 1:1000





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



+86-27-59760950

[ELKbio@ELKbiotech.com](mailto:ELKbio@ELKbiotech.com)

[www.elkbiotech.com](http://www.elkbiotech.com)

23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C