



AR-α1D Polyclonal Antibody

Catalog No	BYab-29247
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	IHC;IF;ELISA
Gene Name	ADRA1D
Protein Name	Alpha-1D adrenergic receptor
Immunogen	The antiserum was produced against synthesized peptide derived from human ADRA1D. AA range:451-500
Specificity	AR-α1D Polyclonal Antibody detects endogenous levels of AR-α1D 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	Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ADRA1D; ADRA1A; Alpha-1D adrenergic receptor; Alpha-1A adrenergic receptor; Alpha-1D adrenoreceptor; Alpha-1D adrenoceptor; Alpha-adrenergic receptor 1a
Observed Band	
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Hippocampus,Placenta,Prostate,
Function	function:This alpha-adrenergic receptor mediates its effect through the influx of extracellular calcium.,similarity:Belongs to the G-protein coupled receptor 1 family.,
Background	Alpha-1-adrenergic receptors (alpha-1-ARs) are members of the G protein-coupled receptor superfamily. They activate mitogenic responses and regulate growth and proliferation of many cells. There are 3 alpha-1-AR subtypes: alpha-1A, -1B and -1D, all of which signal through the Gq/11 family of G-proteins and different subtypes show different patterns of activation. This gene encodes alpha-1D-adrenergic receptor. Similar to alpha-1B-adrenergic receptor gene, this

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gene comprises 2 exons and a single intron that interrupts the coding region. [provided by RefSeq, Jul 2008],

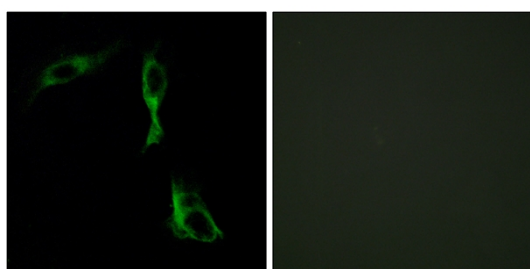
matters needing attention

Avoid repeated freezing and thawing!

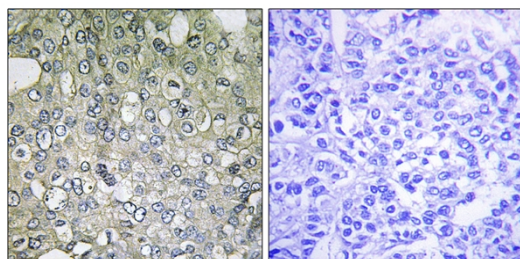
Usage suggestions

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

Products Images



Immunofluorescence analysis of HeLa cells, using ADRA1D Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using ADRA1D Antibody. The picture on the right is blocked with the synthesized peptide.

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