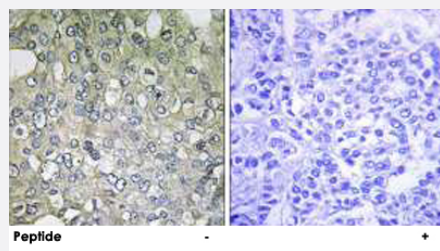


ADRA1D polyclonal antibody

Catalog # PAB17482 Size 100 ug

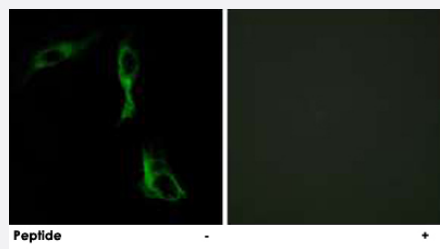
Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using ADRA1D polyclonal antibody (Cat # PAB17482).

Peptide "+" means "with peptide blocking".



Immunofluorescence

Immunofluorescence analysis of HeLa cells, using ADRA1D polyclonal antibody (Cat # PAB17482).

Peptide "+" means "with peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ADRA1D.
Immunogen	A synthetic peptide corresponding to internal of human ADRA1D.
Host	Rabbit
Reactivity	Human
Specificity	This antibody detects endogenous levels of total ADRA1D protein.
Form	Liquid

Recommend Usage	Immunohistochemistry (1:50-1:100) Immunofluorescence (1:500-1:1000) ELISA (1:40000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (150mM NaCl, 0.02% sodium azide, 50% glycerol)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using ADRA1D polyclonal antibody (Cat # PAB17482).

Peptide "+" means "with peptide blocking".

- Immunofluorescence

Immunofluorescence analysis of HeLa cells, using ADRA1D polyclonal antibody (Cat # PAB17482).

Peptide "+" means "with peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ADRA1D

Entrez GeneID	146
Protein Accession#	P25100
Gene Name	ADRA1D
Gene Alias	ADRA1, ADRA1A, ADRA1R, ALPHA1, DAR, dJ779E11.2
Gene Description	adrenergic, alpha-1D-, receptor
Omim ID	104219
Gene Ontology	Hyperlink

Gene Summary

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

Other Designations

OTTHUMP00000030160|adrenergic, alpha -1D-, receptor|adrenergic, alpha-1A-, receptor|alpha-1D-adrenergic receptor

Pathway

- [Calcium signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)
- [Vascular smooth muscle contraction](#)

Disease

- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Cystitis](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Gastroparesis](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)