

ADRA1D Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AW5131-400 □

Specification

ADRA1D Antibody (N-term) - Product Information

Application	IHC-P, FC, WB
Primary Accession	P25100
Reactivity	Human, Rat
Predicted	Rabbit, Dog, Sheep, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	H=60;M=60;Rat=59 KDa
Isotype	Rabbit Ig
Antigen Source	HUMAN

ADRA1D Antibody (N-term) - Additional Information

Gene ID 146

Antigen Region
1-30

Other Names

Alpha-1D adrenergic receptor, Alpha-1A adrenergic receptor, Alpha-1D adrenoreceptor, Alpha-1D adrenoceptor, Alpha-adrenergic receptor 1a, ADRA1D, ADRA1A

Dilution

WB~~1:1000

FC~~1:25

IHC-P~~1:25

Target/Specificity

This ADRA1D antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human ADRA1D.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

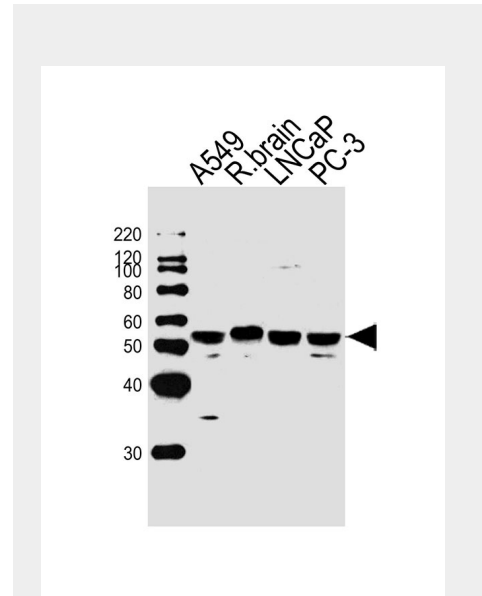
Precautions

ADRA1D Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

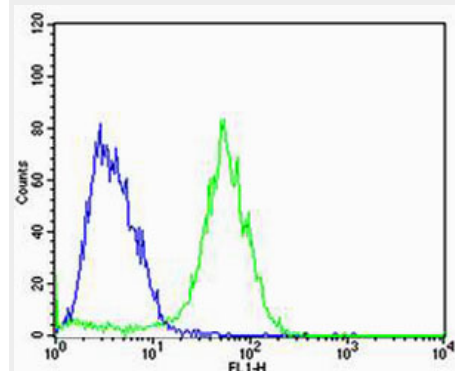
ADRA1D Antibody (N-term) - Protein Information

Name ADRA1D

Synonyms ADRA1A



Western blot analysis of lysates from A549 cell line, rat brain tissue, LNCaP, PC-3 cell line (from left to right), using ADRA1D Antibody (N-term) (Cat. #AW5131). AW5131 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.



Flow cytometric analysis of MCF-7 cells using ADRA1D Antibody (N-term) (green, Cat#AW5131) compared to an isotype control of rabbit IgG (blue). AW5131 was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.

Function

This alpha-adrenergic receptor mediates its effect through the influx of extracellular calcium.

Cellular Location

Cell membrane; Multi-pass membrane protein.

ADRA1D Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

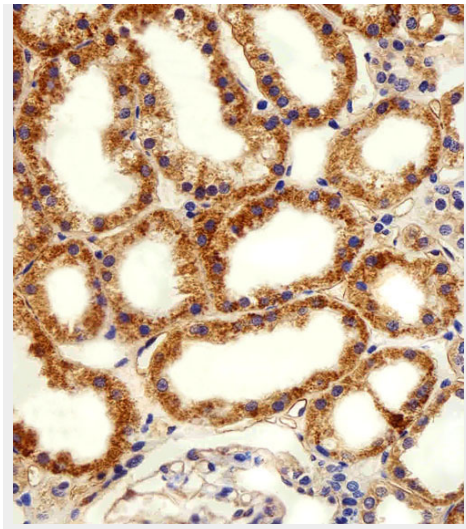
- [□Western Blot](#)
- [□Blocking Peptides](#)
- [□Dot Blot](#)
- [□Immunohistochemistry](#)
- [□Immunofluorescence](#)
- [□Immunoprecipitation](#)
- [□Flow Cytometry](#)
- [□Cell Culture](#)

ADRA1D Antibody (N-term) - Background

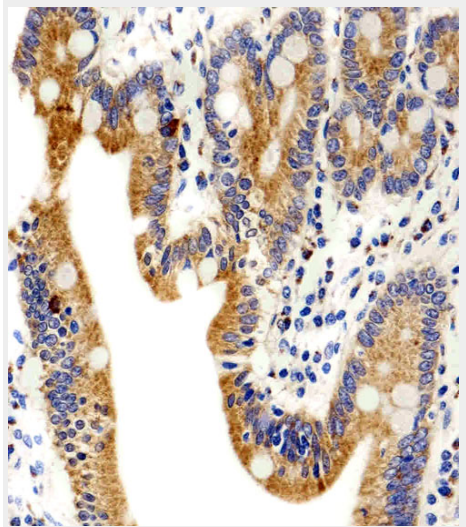
This alpha-adrenergic receptor mediates its effect through the influx of extracellular calcium.

ADRA1D Antibody (N-term) - References

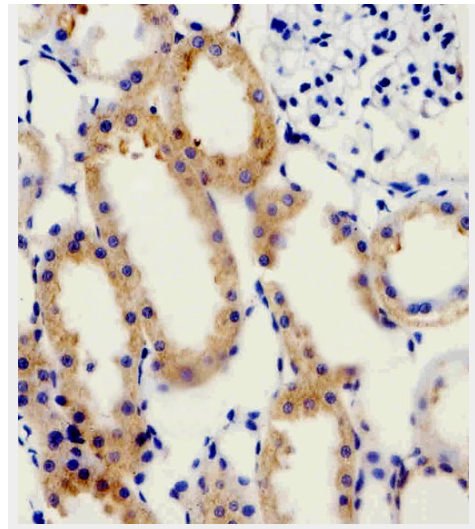
Bruno J.F., et al. *Biochem. Biophys. Res. Commun.* 179:1485-1490(1991). Forray C., et al. *Mol. Pharmacol.* 45:703-708(1994). Schwinn D.A., et al. *J. Pharmacol. Exp. Ther.* 272:134-142(1995). Weinberg D.H., et al. *Biochem. Biophys. Res. Commun.* 201:1296-1304(1994). Esbenshade T.A., et al. *Mol. Pharmacol.* 47:977-985(1995).



Immunohistochemical analysis of paraffin-embedded H. kidney section using ADRA1D Antibody (N-term)(Cat#AW5131). AW5131 was diluted at 1:100 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



Immunohistochemical analysis of paraffin-embedded H. small intestine section using ADRA1D Antibody (N-term)(Cat#AW5131). AW5131 was diluted at 1:100 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



Immunohistochemical analysis of paraffin-embedded R. kidney section using ADRA1D Antibody (N-term)(Cat#AW5131). AW5131 was diluted at 1:100 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.