

ADRA1D Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5131

Specification

ADRA1D Antibody (N-term) - Product Information

Application	WB, IHC-P, FC,E
Primary Accession	P25100
Reactivity	Human, Rat
Predicted	Rabbit, Bovine, Dog, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	H=60;M=60;Rat=59 KDa
Isotype	Rabbit IgG
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 adrenoreceptor, Alpha-adrenergic receptor 1a, ADRA1D, ADRA1A

Dilution

WB~~1:1000
IHC-P~~1:25
FC~~1:25

Target/Specificity

This ADRA1D antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1-30amino 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

Function

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

Cellular Location

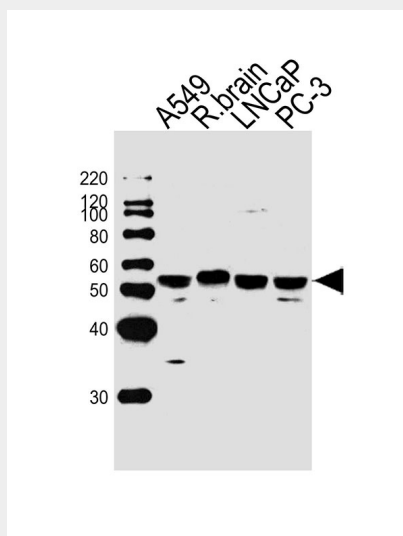
Cell membrane; Multi-pass membrane protein.

ADRA1D Antibody (N-term) - Protocols

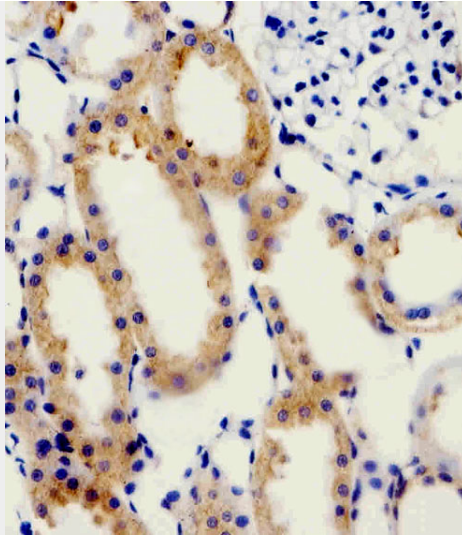
Provided below are standard protocols that you may find useful for product applications.

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

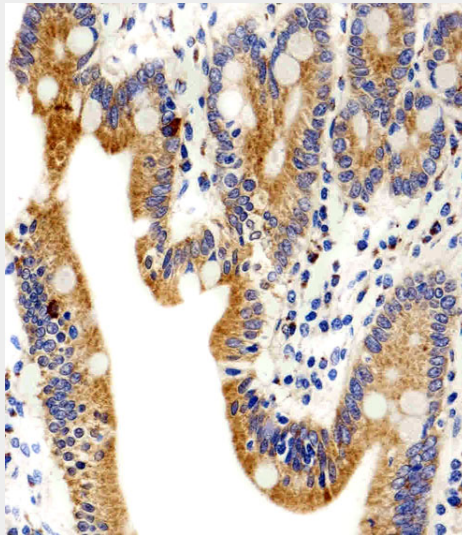
ADRA1D Antibody (N-term) - Images



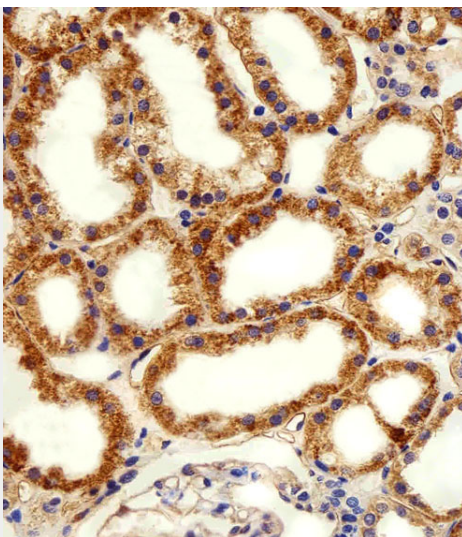
Western blot analysis of lysates from A549 cell line, rat brain tissue, LNCaP, PC-3 cell line (from left to right), using ADRA1D Antibody (N-term) (Cat. #AW5131). AW5131 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.



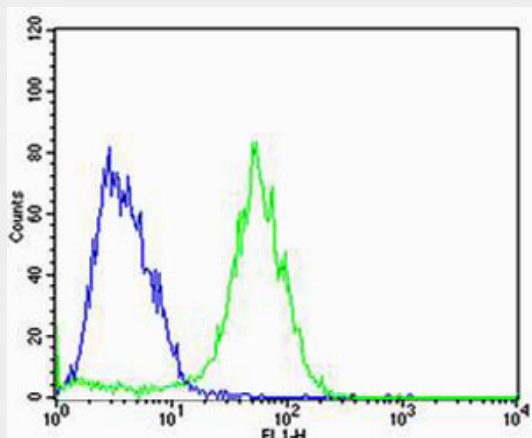
Immunohistochemical analysis of paraffin-embedded R. kidney section using ADRA1D Antibody (N-term)(Cat#AW5131). AW5131 was diluted at 1:100 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



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 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.



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.

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).