10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ADRA1D Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AW5131

Specification

ADRA1D Antibody (N-term) - Product Information

Application	**IHC-P, WB, 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 adrenoceptor, Alpha-adrenergic receptor 1a, ADRA1D, ADRA1A

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

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Name ADRA1D

Synonyms ADRA1A

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

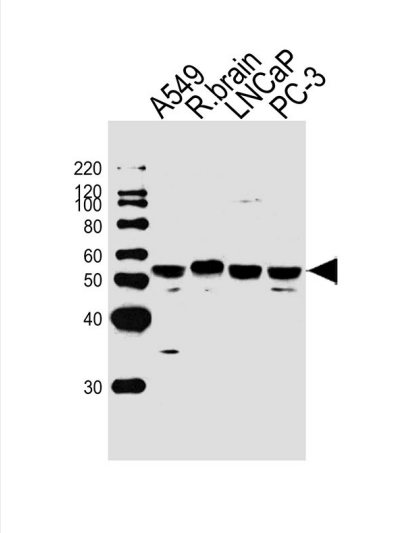
Cellular Location
Cell membrane; Multi-pass membrane protein.

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 Cytomety
- 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.

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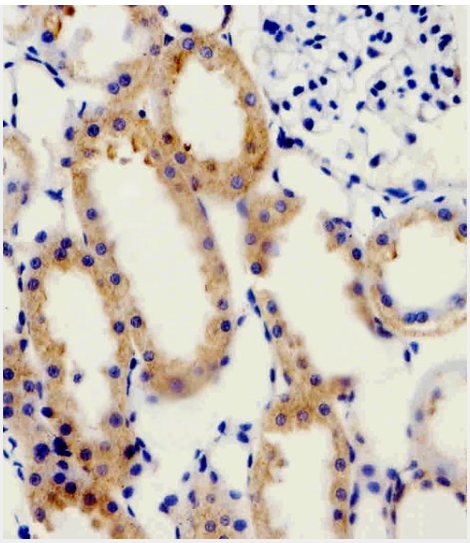
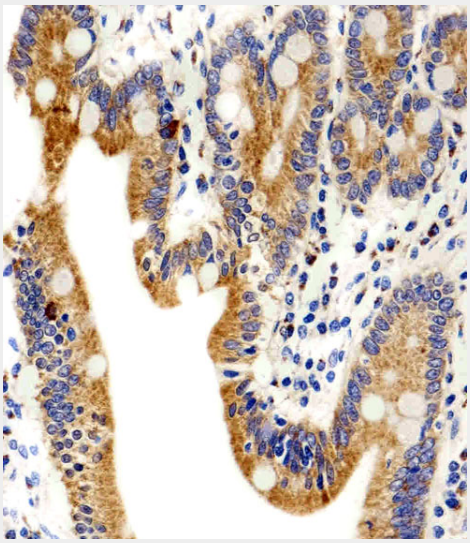


Immunohistochemical analysis of paraffin-embedded R. kidney section using ADRA1D Antibody (N-term)(Cat#AW5131). AW5131 was diluted at 1:100 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



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.

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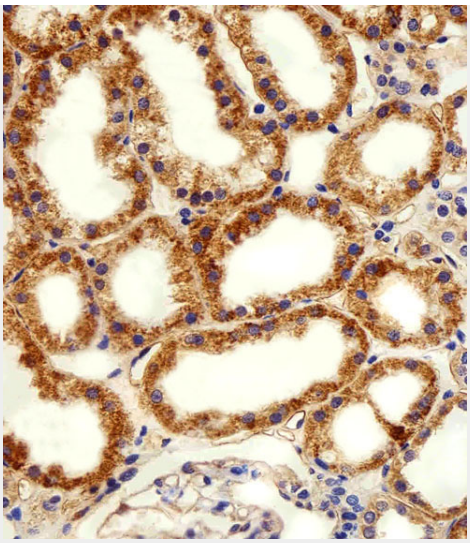
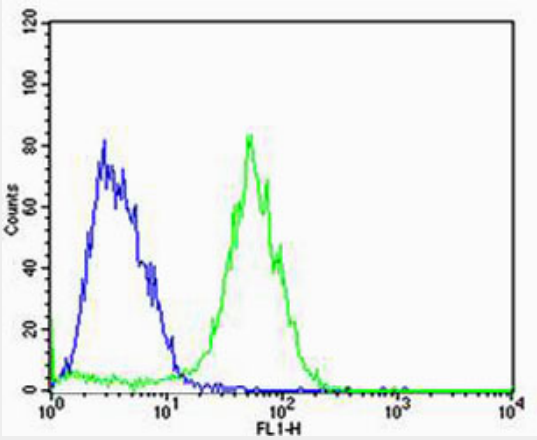


Immunohistochemical analysis of paraffin-embedded H. kidney section using ADRA1D Antibody (N-term)(Cat#AW5131). AW5131 was diluted at 1:100 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



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).
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Weinberg D.H.,et al.Biochem. Biophys. Res. Commun. 201:1296-1304(1994).
Esbenshade T.A.,et al.Mol. Pharmacol. 47:977-985(1995).