

Rabbit ADRA1D Polyclonal Antibody | anti-ADRA1D antibody

ADRA1D Antibody (N-term)

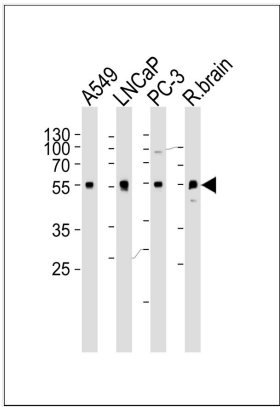
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286061	Rabbit	Human, rat (Predicted Reactivity: Mouse, Bovine, Dog, Rabbit, Sheep)	Western Blot, Immunohistochemistry, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

ADRA1D; Polyclonal Antibody; ADRA1D Antibody (N-term); Alpha-1D adrenergic receptor; Alpha-1A adrenergic receptor; Alpha-1D adrenoreceptor; Alpha-1D adrenoreceptor; Alpha-adrenergic receptor 1a; ADRA1A; anti-ADRA1D antibody

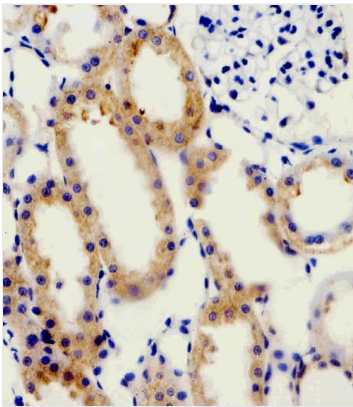
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, rat (Predicted Reactivity: Mouse, Bovine, Dog, Rabbit, Sheep)
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	572
Applicable Applications for anti-ADRA1D antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



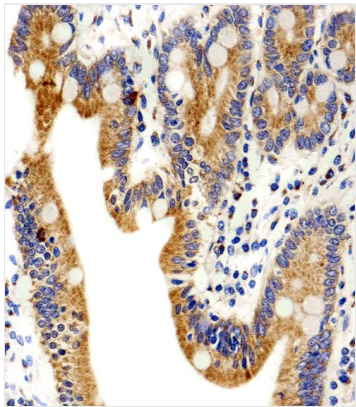
WB (Western Blot)

Western blot analysis of lysates from A549, LNCaP, PC-3 cell line and rat brain tissue lysate (from left to right), using ADRA1D Antibody (N-term). AAA286061 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



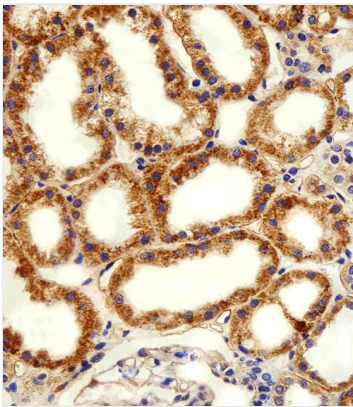
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded R. kidney section using ADRA1D Antibody (N-term). AAA286061 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.



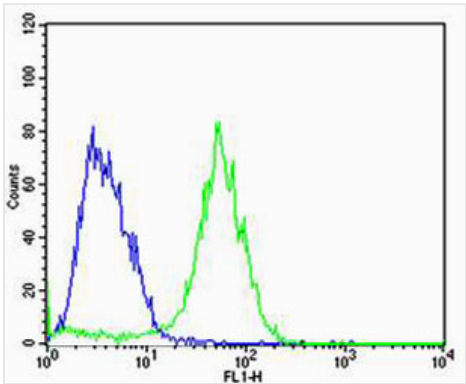
IHC (Immunohistochemisry)

Immunohistochemical analysis of paraffin-embedded H. small intestine section using ADRA1D Antibody (N-term). AAA286061 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.



IHC (Immunohiostchemistry)

Immunohistochemical analysis of paraffin-embedded H. kidney section using ADRA1D Antibody (N-term). AAA286061 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.



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of MCF-7 cells using ADRA1D Antibody (N-term)(green) compared to an isotype control of rabbit IgG(blue). AAA286061 was diluted at 1:25 dilution. An Alexa Fluor 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ADRA1D antibody

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

Product Categories/Family for anti-ADRA1D antibody	Crown Antibodies; Cardiovascular; Signal Transduction; Phospho Antibodies
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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501957
NCBI GeneID	146
NCBI Accession #	NP_000669.1
NCBI GenBank Nucleotide #	NM_000678.3
UniProt Accession #	P25100; Q9NPY0
Molecular Weight	60463
NCBI Official Full Name	alpha-1D adrenergic receptor
NCBI Official Synonym Full Names	adrenoceptor alpha 1D
NCBI Official Symbol	ADRA1D
NCBI Official Synonym Symbols	DAR; ADRA1; ADRA1A; ADRA1R; ALPHA1; dJ779E11.2
NCBI Protein Information	alpha-1D adrenergic receptor
UniProt Protein Name	Alpha-1D adrenergic receptor
UniProt Gene Name	ADRA1D
UniProt Synonym Gene Names	ADRA1A; Alpha-1D adrenoceptor
UniProt Entry Name	ADA1D_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/adra1d-antibody-western-blot-immunohistochemistry-flow-cytometry-elisa/286061>