

Rabbit PDE4D Polyclonal Antibody | anti-PDE4D antibody

PDE4D Polyclonal Antibody

CATALOG # AAA37279	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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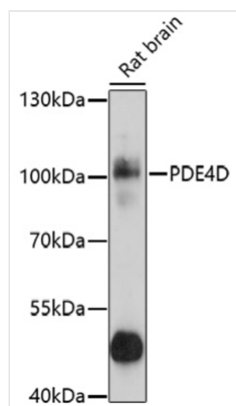
PRODUCT SYNONYMS

PDE4D; Polyclonal Antibody; PDE4D Polyclonal Antibody; DPDE3; HSPDE4D; PDE4DN2; STRK1; anti-PDE4D antibody

PRODUCT SPECIFICATIONS

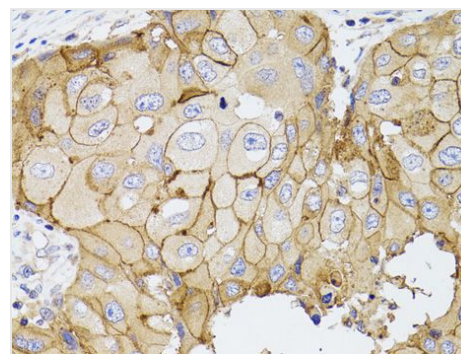
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	809
Applicable Applications for anti-PDE4D antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human PDE4D
Cross Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



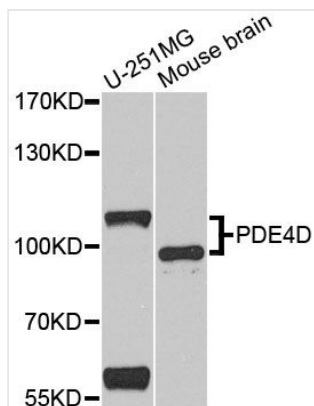
WB (Western Blot)

Western blot analysis of extracts of rat brain, using PDE4D antibody (AAA37279) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using PDE4D antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PDE4D antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-PDE4D antibody	This gene encodes one of four mammalian counterparts to the fruit fly 'dunce' gene. The encoded protein has 3', 5'-cyclic-AMP phosphodiesterase activity and degrades cAMP, which acts as a signal transduction molecule in multiple cell types. This gene uses different promoters to generate multiple alternatively spliced transcript variants that encode functional proteins.
Product Categories/Family for anti-PDE4D antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	12644392
NCBI GeneID	5144
UniProt Accession #	Q08499; O43433; Q13549; Q13550; Q13551; Q7Z2L8; Q8IV84; Q8IVA9; Q8IVD2; Q8IVD3; Q96HL4; Q9HCX7
Molecular Weight	Observed MW: 91 kDa, 105 kDa Calculated MW: 23-24 kDa/57-91 kDa
NCBI Official Full Name	cAMP-specific 3',5'-cyclic phosphodiesterase 4D
NCBI Official Synonym Full Names	phosphodiesterase 4D, cAMP-specific
NCBI Official Symbol	PDE4D
NCBI Official Synonym Symbols	DPDE3; PDE43; STRK1; ACRDYS2; HSPDE4D; PDE4DN2
NCBI Protein Information	cAMP-specific 3',5'-cyclic phosphodiesterase 4D; cAMP-specific phosphodiesterase PDE4D6; phosphodiesterase 4D, cAMP-specific (phosphodiesterase E3 dunce homolog, Drosophila)
UniProt Protein Name	cAMP-specific 3',5'-cyclic phosphodiesterase 4D
UniProt Gene Name	PDE4D
UniProt Synonym Gene Names	DPDE3
UniProt Entry Name	PDE4D_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pde4d-antibody-immunohistochemistry-western-blot-elisa/37279>