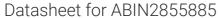
antibodies -online.com





anti-PDE4D antibody (C-Term)

3 Images



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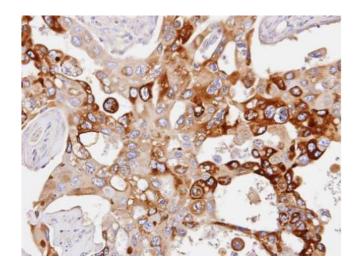
Overview	
Quantity:	100 μL
Target:	PDE4D
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDE4D antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)
Product Details	
Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human PDE4D. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to PDE4D (phosphodiesterase 4D, cAMP-specific) PDE4D antibody [C3], C-term
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	PDE4D

Target Details

Alternative Name:	phosphodiesterase 4D (PDE4D Products)
Background:	The PDE4D gene is complex and has at least 9 different isoforms that encode functional
	proteins. These proteins degrade the second messenger cAMP, which is a key signal
	transduction molecule in multiple cell types, including vascular cells (Dominiczak and McBride,
	2003 [PubMed 14517535]).[supplied by OMIM]
	Cellular Localization: Cytoplasm (By similarity) , Membrane (By similarity) , Cytoplasm ,
	cytoskeleton (By similarity) , Centrosome (By similarity)
Molecular Weight:	91 kDa
Gene ID:	5144
UniProt:	Q08499
Pathways:	Cellular Response to Molecule of Bacterial Origin, cAMP Metabolic Process, Myometrial
	Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein Signaling
Application Details	
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations
	should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: A431 , HeLa
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.3 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE
	which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage
	(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

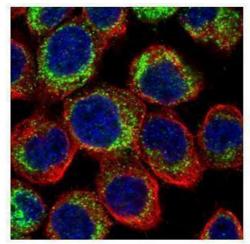
multiple freeze-thaw cycles.

Images



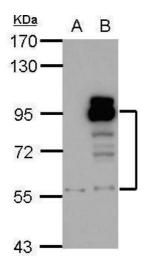
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded H441 xenograft, using PDE4D, antibody at 1:100 dilution.



Immunofluorescence

Image 2. ICC/IF Image Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed A431, using PDE4D, antibody (Green) at 1:500 dilution. Alphatubulin filaments were labeled with (Red) at 1:500.



Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A: A431 B: HeLa 7.5% SDS PAGE antibody diluted at 1:1000