

Rabbit PDE4 Polyclonal Antibody | anti-PDE4 antibody

PDE4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA75645	Rabbit	Chicken, Human, Monkey, Mouse, Rat	Western Blot, Immunoprecipitation, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA

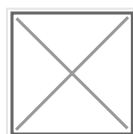
PRODUCT SYNONYMS

PDE4; Polyclonal Antibody; PDE4 Antibody; PDE4A; PDE4B; PDE4C; PDE4D; Phosphodiesterase 4; Phosphodiesterase 4A; Phosphodiesterase 4B; Phosphodiesterase 4C; Phosphodiesterase 4D antibody; anti-PDE4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Chicken, Human, Monkey, Mouse, Rat
Clonality	Polyclonal
Specificity	This antibody detects all known PDE4 A and D variants including PDE4A1, A5, Ax, A8 and PDE4D1-D5. It has low affinity for PDE4B variants.
Concentration	0.62 ug/ul in antibody stabilization buffer (varies by lot)
Applicable Applications for anti-PDE4 antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA
Immunogen	Synthetic peptide common to most PDE4 subtypes: PDE4A, PDE4D, PDE4B
Expression	Low expression during growth and cell aggregation (up to 6 hours), maximally increases after 9 hours of starvation, during the mound stage. Remains expressed at significant levels during the other stages of multicellular development.
Molecular Function	3', 5'-cyclic-nucleotide phosphodiesterase activity; cAMP catabolic process; signal transduction; Hydrolase
Structure	Belongs to the cyclic nucleotide phosphodiesterase family.
Subcellular Location	Cell membrane; Multipass membrane protein
Preparation and Storage	-20• degree C for long term storage

IMAGES



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-PDE4 antibody	Phosphodiesterase 4 Antibody Phosphodiesterase specific for extracellular cAMP. Involved in the degradation of extracellular cAMP specifically during multicellular development.
Product Categories/Family for anti-PDE4 antibody	Primary Antibodies; Signal Transduction; Regulation; PDE4 Antibody

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://stage.aaabiotech.com/polyclonal/pde4-antibody-western-blot-immunoprecipitation-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/75645>