

Goat PDE7A Polyclonal Antibody | anti-PDE7A antibody

Pan PDE7A Antibody Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA75684	Goat	Human, Mouse, Rat	Western Blot, Immunoprecipitation, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA

PRODUCT SYNONYMS

PDE7A; Polyclonal Antibody; Pan PDE7A Antibody Affinity Purified; HCP 1; P2A; PDE 7; PDE1/PDE2 yeast human complement of; Phosphodiesterase 7A; Phosphodiesterase isozyme 7; Rolipram insensitive phosphodiesterase type 7; TM 22 antibody; anti-PDE7A antibody

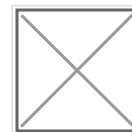
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	This antibody is specific for PDE7A variants and will not cross-react with PDE7B or other PDE family members.
Form/Format	Affinity Purified
Concentration	0.50-0.75 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	456
Applicable Applications for anti-PDE7A antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA
Immunogen	Synthetic cyclic peptide common to all PDE7A variants
Expression	Widely expressed with highest levels in the skeletal muscle.
Molecular Function	Hydrolase, 3', 5' -cyclic-AMP phosphodiesterase activity
Structure	Interacts with CBFA2T3.
Preparation and Storage	-20• degree C for long term storage

IMAGES



WB (Western Blot)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-PDE7A antibody	Affinity Purified High affinity cAMP-specific 3', 5'-cyclic phosphodiesterase 7A Antibody Hydrolyzes the second messenger cAMP, which is a key regulator of many important physiological processes. May have a role in muscle signal transduction.
Product Categories/Family for anti-PDE7A antibody	Primary Antibodies; Signal Transduction; Second Messengers; cAMP; PDE7A Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	341941238
NCBI GeneID	18583
UniProt Accession #	P70453; Q3TFY5; Q9ERB3
Molecular Weight	55,289 Da
NCBI Official Full Name	High affinity cAMP-specific 3',5'-cyclic phosphodiesterase 7A
NCBI Official Synonym Full Names	phosphodiesterase 7A
NCBI Official Symbol	Pde7a
NCBI Official Synonym Symbols	AU015378; AW047537
NCBI Protein Information	high affinity cAMP-specific 3',5'-cyclic phosphodiesterase 7A
UniProt Protein Name	High affinity cAMP-specific 3',5'-cyclic phosphodiesterase 7A
UniProt Gene Name	Pde7a
UniProt Entry Name	PDE7A_MOUSE

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/pde7a-antibody-western-blot-immunoprecipitation-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/75684>