

Rabbit PDE12 Polyclonal Antibody | anti-PDE12 antibody

PDE12 Antibody (C-term)

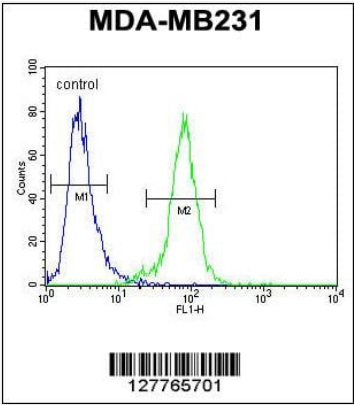
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290038	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rat)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

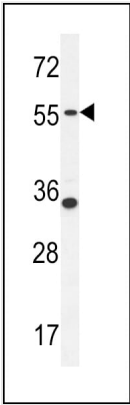
PDE12; Polyclonal Antibody; PDE12 Antibody (C-term); 2'; 5'-phosphodiesterase 12; 2'-PDE; 2-PDE; 314-; Mitochondrial deadenylase; anti-PDE12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PDE12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 362-390 amino acids from the C-terminal region of human PDE12.
Purity/Purification	Peptide Affinity 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 Positions	362-390
Sequence Length	535
Applicable Applications for anti-PDE12 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
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.



FCM/FACS (Flow Cytometry)
PDE12 Antibody (C-term) flow cytometric analysis of MDA-MB231 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
PDE12 Antibody (C-term) western blot analysis in MDA-MB231 cell line lysates (35ug/lane).This demonstrates the PDE12 antibody detected the PDE12 protein (arrow).

ADDITIONAL INFORMATION

Product Categories/Family for anti-PDE12 antibody	Immunology; Metabolism; Signal transduction
References	Kohno, T., et al. Acta Crystallogr. Sect. F Struct. Biol. Cryst. Commun. 66 (PT 5), 520-522 (2010) : Kubota, K., et al. J. Biol. Chem. 279(36):37832-37841(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	189027129
NCBI GeneID	201626
NCBI Accession #	NP_808881.3
NCBI GenBank Nucleotide #	NM_177966.5
UniProt Accession #	Q6L8Q7; Q8IYU3; Q8NDU2; Q8TE78; B4DTU8
Molecular Weight	67352
NCBI Official Full Name	2',5'-phosphodiesterase 12
NCBI Official Synonym Full Names	phosphodiesterase 12
NCBI Official Symbol	PDE12
NCBI Official Synonym Symbols	2'-PDE
NCBI Protein Information	2',5'-phosphodiesterase 12
UniProt Protein Name	2',5'-phosphodiesterase 12
UniProt Gene Name	PDE12
UniProt Synonym Gene Names	2'-PDE; 2-PDE
UniProt Entry Name	PDE12_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.