

Rabbit PPP1R3A Polyclonal Antibody | anti-PPP1R3A antibody

PPP1R3A Antibody (Center)

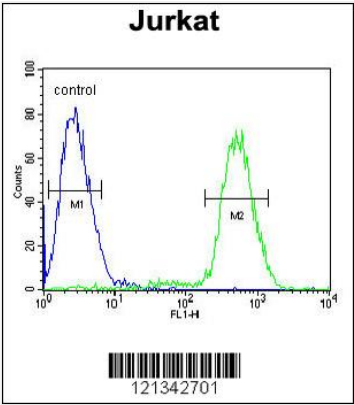
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283889	Rabbit	Human (Predicted Reactivity: Rabbit)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

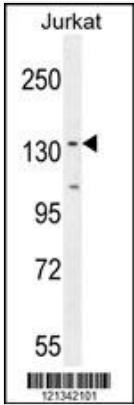
PPP1R3A; Polyclonal Antibody; PPP1R3A Antibody (Center); Protein phosphatase 1 regulatory subunit 3A; Protein phosphatase 1 glycogen-associated regulatory subunit; Protein phosphatase type-1 glycogen targeting subunit; RG1; PP1G; anti-PPP1R3A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Rabbit)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PPP1R3A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 754-782 amino acids from the Central region of human PPP1R3A.
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	754-782
Sequence Length	74
Applicable Applications for anti-PPP1R3A 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)
PPP1R3A Antibody (Center) flow cytometric analysis of Jurkat 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)
PPP1R3A Antibody (Center) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the PPP1R3A antibody detected the PPP1R3A protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PPP1R3A antibody	The glycogen-associated form of protein phosphatase-1 (PP1) derived from skeletal muscle is a heterodimer composed of a 37-kD catalytic subunit and a 124-kD targeting and regulatory subunit. This gene encodes the regulatory subunit which binds to muscle glycogen with high affinity, thereby enhancing dephosphorylation of glycogen-bound substrates for PP1 such as glycogen synthase and glycogen phosphorylase kinase. [provided by RefSeq].
Product Categories/Family for anti-PPP1R3A antibody	Metabolism; Signal Transduction
References	Yoshida, T., et al. Int. J. Mol. Med. 24(2):233-246(2009) Yoshida, T., et al. Genomics 93(3):221-226(2009) Gieger, C., et al. PLoS Genet. 4 (11), E1000282 (2008) : Savage, D.B., et al. PLoS Med. 5 (1), E27 (2008) : Olsen, J.V., et al. Cell 127(3):635-648(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	167614502
NCBI GeneID	5506
NCBI Accession #	NP_002702.2
NCBI GenBank Nucleotide #	NM_002711.3
UniProt Accession #	Q16821; O43476; Q75LN8; Q7KYM8; Q86UI6; A0AVQ2; A4D0T6
Molecular Weight	125767
NCBI Official Full Name	protein phosphatase 1 regulatory subunit 3A
NCBI Official Synonym Full Names	protein phosphatase 1, regulatory subunit 3A
NCBI Official Symbol	PPP1R3A
NCBI Official Synonym Symbols	GM; PP1G; PPP1R3
NCBI Protein Information	protein phosphatase 1 regulatory subunit 3A
UniProt Protein Name	Protein phosphatase 1 regulatory subunit 3A

UniProt Gene Name	PPP1R3A
UniProt Synonym Gene Names	PP1G; RG1
UniProt Entry Name	PPR3A_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/ppp1r3a-antibody-flow-cytometry-western-blot-elisa/283889>