

Rabbit anti-Human PPP1R3G Polyclonal Antibody | anti-PPP1R3G antibody

PPP1R3G Antibody (C-term)

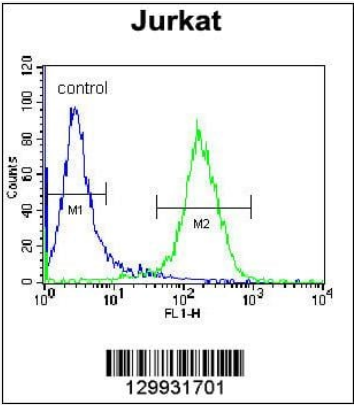
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288181	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

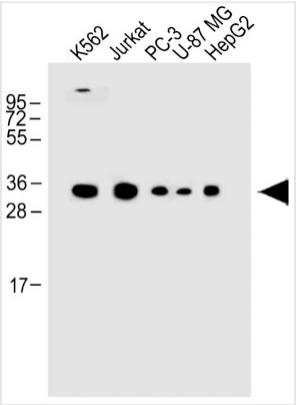
PPP1R3G; Polyclonal Antibody; PPP1R3G Antibody (C-term); Protein phosphatase 1 regulatory subunit 3G; anti-PPP1R3G antibody

PRODUCT SPECIFICATIONS

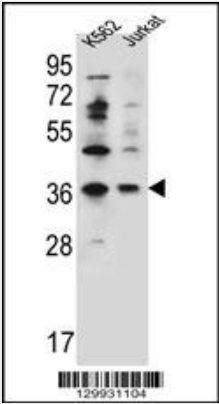
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PPP1R3G antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 269-298 amino acids from the C-terminal region of human PPP1R3G.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	269-298
Sequence Length	358
Applicable Applications for anti-PPP1R3G antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Function	Glycogen-targeting subunit for protein phosphatase 1 (PP1). Involved in the regulation of hepatic glycogenesis in a manner coupled to the fasting-feeding cycle and distinct from other glycogen-targeting subunits (By similarity).
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
PPP1R3G Antibody (C-term) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
All lanes : Anti-PPP1R3G Antibody (C-term) at 1:1000 dilution Lane 1: K562 whole cell lysate Lane2: Jurkat whole cell lysate Lane 3: PC-3 whole cell lysate Lane 4: U-87 MG whole cell lysate Lane 5: HepG2 whole cell lysate Lysates/proteins at 20 ?g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 38 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



WB (Western Blot)
PPP1R3G Antibody (C-term) western blot analysis in K562,Jurkat cell line lysates (35ug/lane).This demonstrates the PPP1R3G antibody detected the PPP1R3G protein (arrow).

ADDITIONAL INFORMATION

Product Categories/Family for anti-PPP1R3G antibody	Metabolism; Signal Transduction
References	Ceulemans, H., et al. Bioessays 24(4):371-381(2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	223278393
NCBI GeneID	648791
NCBI Accession #	NP_001138587.1
NCBI GenBank Nucleotide #	NM_001145115.2
UniProt Accession #	B7ZBB8
NCBI Official Full Name	protein phosphatase 1 regulatory subunit 3G
NCBI Official Synonym Full Names	protein phosphatase 1, regulatory subunit 3G

NCBI Official Symbol	PPP1R3G
NCBI Protein Information	protein phosphatase 1 regulatory subunit 3G
UniProt Protein Name	Protein phosphatase 1 regulatory subunit 3G
UniProt Gene Name	PPP1R3G
UniProt Entry Name	PP13G_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://www.aaabiotech.com/polyclonal/ppp1r3g-antibody-flow-cytometry-western-blot-elisa/288181>