

anti-Human PPP1R12A Antibody | anti-PPP1R12A antibody

Goat anti-PPP1R12A Antibody

CATALOG # AAA61808	REACTIVITY Human	APPLICATIONS Immunofluorescence, Flow Cytometry, Functional Assay, ELISA
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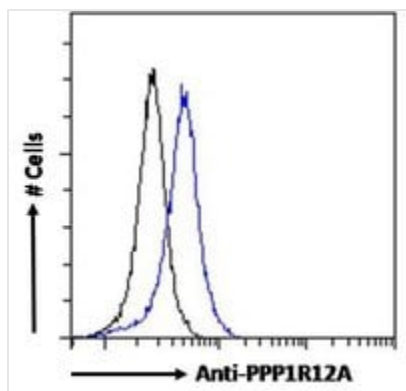
PRODUCT SYNONYMS

PPP1R12A; Goat anti-PPP1R12A Antibody; protein phosphatase 1; regulatory (inhibitor) subunit 12A; MBS; MGC133042; MYPT1; myosin phosphatase; target subunit 1; anti-PPP1R12A antibody

PRODUCT SPECIFICATIONS

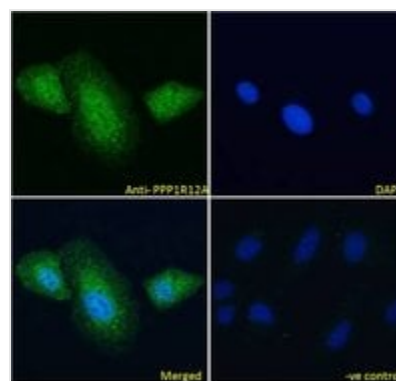
Reactivity	Human
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Sequence Length	1030
Applicable Applications for anti-PPP1R12A antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), ELISA (Peptide ELISA)
Immunogen Sequence	Peptide with sequence C-REDEYKQKYSRTYD, from the C Terminus of the protein sequence according to NP_002471.1, NP_001231919.1, NP_001231921.1, NP_001137358.1.
Peptide Sequence + C	C-REDEYKQKYSRTYD
Epitope	C Terminus
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



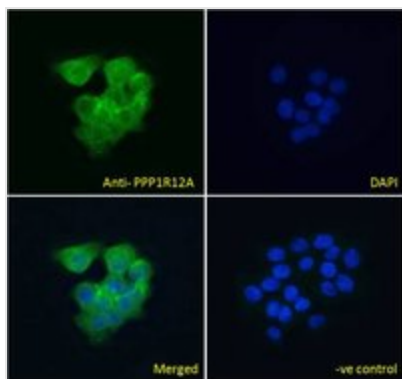
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of paraformaldehyde fixed HEK293 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (0.4ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing cytoplasmic and some nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml).



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505317
NCBI GeneID	4659
NCBI Accession #	NP_002471.1; NP_001231919.1; NP_001231921.1; NP_001137358.1
NCBI GenBank Nucleotide #	NM_002480.2
UniProt Accession #	O14974; Q2NKL4; Q569H0; Q86WU3; Q8NFR6; Q9BYH0; B4DZ09; F8VWB4
Molecular Weight	105,641 Da
NCBI Official Full Name	protein phosphatase 1 regulatory subunit 12A isoform a
NCBI Official Synonym Full Names	protein phosphatase 1 regulatory subunit 12A
NCBI Official Symbol	PPP1R12A
NCBI Official Synonym Symbols	MBS; M130; MYPT1
NCBI Protein Information	protein phosphatase 1 regulatory subunit 12A
UniProt Protein Name	Protein phosphatase 1 regulatory subunit 12A
UniProt Gene Name	PPP1R12A
UniProt Synonym Gene Names	Myosin phosphatase target subunit 1

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/human-antibody/ppp1r12a/61808>