

Rabbit PPP1R15A Polyclonal Antibody | anti-PPP1R15A antibody

PPP1R15A Rabbit pAb

CATALOG # AAA281639	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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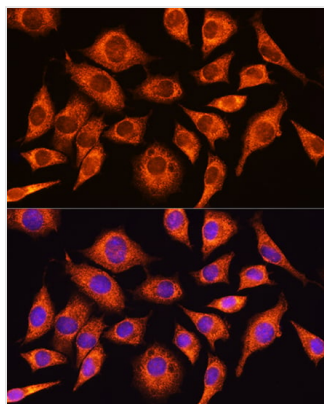
PRODUCT SYNONYMS

PPP1R15A; Polyclonal Antibody; PPP1R15A Rabbit pAb; GADD34; anti-PPP1R15A antibody

PRODUCT SPECIFICATIONS

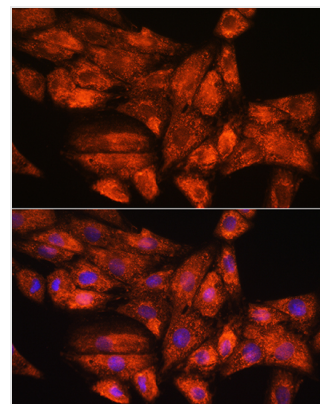
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	ASSSTPATGV FLKSWVYQPG EDTEEEEDED SDTGSAEDER EAETSASTPP ASAFLKAWVY RPGEDTEEEE DEDVDSEDKD DDSEAALGEA ESDPHPSHPD QRAHFRGWGY RPGKETEEEE AAEDWGEAEP CPFRVAIYVP GEKPPPPWAP PRLPLRLQRR LKRPETPTHD PDPETPLKAR KVRFSEKVTV HFLAVWAGPA QAARQGPWEQ LARDRSRFAR RITQAEELS PCLTPAARAR AWARLRNPPL APIPALTQTL PSSVPSSPV QTTPLSQAVA TPSRSSAAAA AALDLGRRG
Applicable Applications for anti-PPP1R15A antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 375-674 of human PPP1R15A (NP_055145.3).
Positive Samples	U-87MG, U-937, HeLa, HepG2, Jurkat, mouse spleen, mouse lung, mouse thymus
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



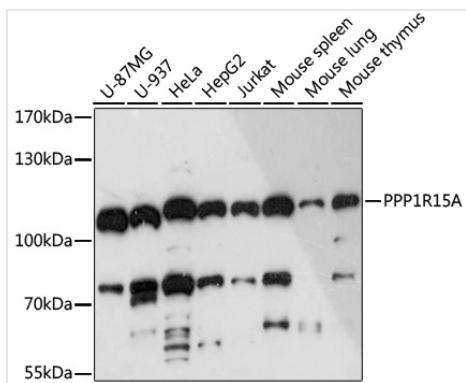
IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using PPP1R15A Rabbit pAb at dilution of 1:100.
Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of H9C2 cells using PPP1R15A Rabbit pAb at dilution of 1:100.
Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PPP1R15A antibody at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-PPP1R15A antibody	Background: This gene is a member of a group of genes whose transcript levels are increased following stressful growth arrest conditions and treatment with DNA-damaging agents. The induction of this gene by ionizing radiation occurs in certain cell lines regardless of p53 status, and its protein response is correlated with apoptosis following ionizing radiation.
Product Categories/Family for anti-PPP1R15A antibody	Epigenetics & Nuclear Signaling ; DNA Damage & Repair ; Research ; Epigenetics & Nuclear Signaling ; Translation Control ; Regulation of eIF2

NCBI AND UNIPROT INFORMATION

NCBI GI #	157674363
NCBI GeneID	23645
NCBI Accession #	NP_055145.3
NCBI GenBank Nucleotide #	NM_014330.3
UniProt Accession #	O75807; Q6IA96; Q9NVU6; B4DKQ3
Molecular Weight	56,515 Da
NCBI Official Full Name	protein phosphatase 1 regulatory subunit 15A
NCBI Official Synonym Full Names	protein phosphatase 1, regulatory subunit 15A
NCBI Official Symbol	PPP1R15A
NCBI Official Synonym Symbols	GADD34
NCBI Protein Information	protein phosphatase 1 regulatory subunit 15A; growth arrest and DNA damage-inducible protein GADD34; growth arrest and DNA-damage-inducible 34; myeloid differentiation primary response protein MyD116 homolog; protein phosphatase 1, regulatory (inhibitor)
UniProt Protein Name	Protein phosphatase 1 regulatory subunit 15A
UniProt Gene Name	PPP1R15A
UniProt Synonym Gene Names	GADD34
UniProt Entry Name	PR15A_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.

