

PPP1R2 Antibody | anti-PPP1R2 antibody

PPP1R2 (Phospho-Ser120+Ser121) Antibody

CATALOG # AAA109130	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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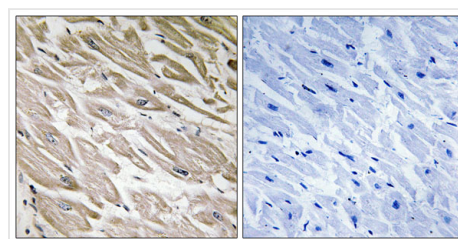
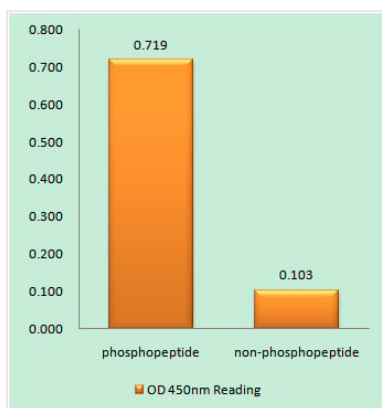
PRODUCT SYNONYMS

PPP1R2; PPP1R2 (Phospho-Ser120+Ser121) Antibody; I-2; IPP-2; IPP2; Protein phosphatase inhibitor 2; anti-PPP1R2 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	PPP1R2 (Phospho-Ser120+Ser121) antibody detects endogenous levels of PPP1R2 only when phosphorylated at serine 120 and serine 121.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	185
Applicable Applications for anti-PPP1R2 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PPP1R2 around the phosphorylation site of serine 120 and serine 121 (Q-E-SP-SP-GE).
All Sites	Human: Ser120+Ser121 Mouse: Ser122+Ser123 Rat: Ser120+Ser121
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human heart tissue using PPP1R2 (Phospho-Ser120+Ser121) antibody. PPP1R2 (Phospho-Ser120+Ser121) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nM are shown in the ELISA figure.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PPP1R2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Sanseau P., Mamm. Genome 5:490-496(1994). Helps N.R., FEBS Lett. 340-93-98(1994). Permana P.A., Genomics 41:110-114(1997).

NCBI AND UNIPROT INFORMATION

NCBI GI #	938148818
NCBI GeneID	5504
NCBI Accession #	NP_001303254.1
NCBI GenBank Nucleotide #	NM_001316325.1
UniProt Accession #	P41236
Molecular Weight	23,015 Da
NCBI Official Full Name	protein phosphatase inhibitor 2 isoform 4
NCBI Official Synonym Full Names	protein phosphatase 1 regulatory inhibitor subunit 2
NCBI Official Symbol	PPP1R2
NCBI Official Synonym Symbols	IPP2; IPP-2; PPP1R2A
NCBI Protein Information	protein phosphatase inhibitor 2
UniProt Protein Name	Protein phosphatase inhibitor 2
UniProt Gene Name	PPP1R2
UniProt Synonym Gene Names	IPP2; IPP-2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/ppp1r2/109130>