



# IPP-2 (phospho Ser120/S121) rabbit pAb

Cat No.:ES6696

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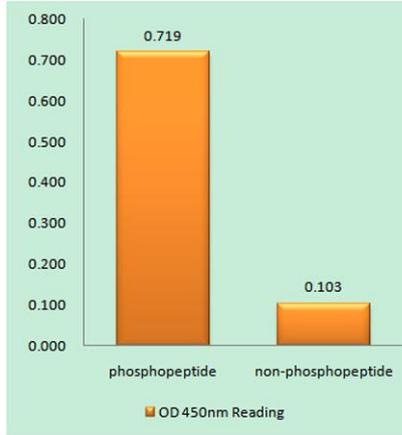
## Overview

<b>Product Name</b>	IPP-2 (phospho Ser120/S121) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human PPP1R2 around the phosphorylation site of Ser120 and Ser121. AA range:86-135
<b>Specificity</b>	Phospho-IPP-2 (S120/S121) Polyclonal Antibody detects endogenous levels of IPP-2 protein only when phosphorylated at S120/S121.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Protein phosphatase inhibitor 2
<b>Gene Name</b>	PPP1R2
<b>Cellular localization</b>	protein phosphatase type 1 complex,
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	5504
<b>Human Swiss-Prot Number</b>	P41236
<b>Alternative Names</b>	PPP1R2; IPP2; Protein phosphatase inhibitor 2; IPP-2
<b>Background</b>	Protein phosphatase-1 (PP1) is one of the main eukaryotic serine/threonine phosphatases. The protein encoded by this gene binds to the catalytic subunit of PP1, strongly inhibiting its activity. Ten related pseudogenes have been found throughout





the human genome. Several splice variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2015],



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using PPP1R2 (Phospho-Ser120+Ser121) Antibody

Immunohistochemistry analysis of paraffin-embedded human heart, using PPP1R2 (Phospho-Ser120+Ser121) Antibody. The picture on the right is blocked with the phospho peptide.

