

IPP-2 (phospho Ser120/S121) rabbit pAb**Cat#: orb769571 (Manual)**

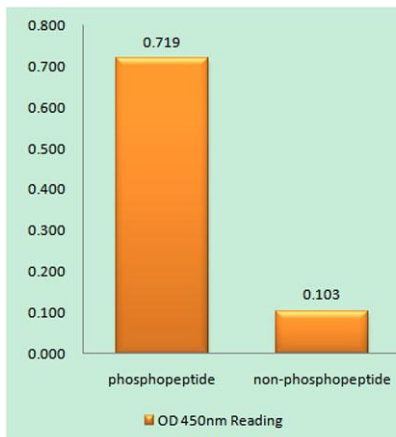
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Product Name	IPP-2 (phospho Ser120/S121) rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human PPP1R2 around the phosphorylation site of Ser120 and Ser121. AA range:86-135
Specificity	Phospho-IPP-2 (S120/S121) Polyclonal Antibody detects endogenous levels of IPP-2 protein only when phosphorylated at S120/S121.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Protein phosphatase inhibitor 2
Gene Name	PPP1R2
Cellular localization	protein phosphatase type 1 complex,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

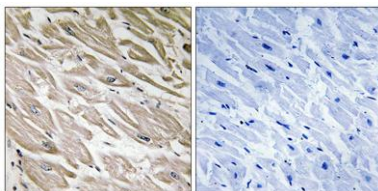
Concentration	1 mg/ml
Observed band	
Human Gene ID	5504
Human Swiss-Prot Number	P41236
Alternative Names	PPP1R2; IPP2; Protein phosphatase inhibitor 2; IPP-2

Background

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.