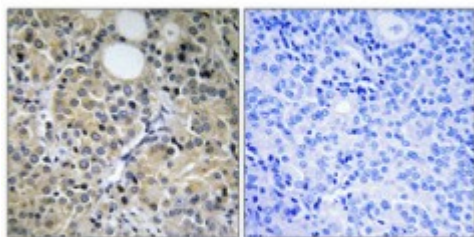


## Anti-Hint1 antibody



<b>Description</b>	Rabbit polyclonal to Hint1.
<b>Model</b>	STJ93501
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	ELISA, IF, IHC, WB
<b>Immunogen</b>	Synthesized peptide derived from human Hint1
<b>Immunogen Region</b>	40-120 aa, Internal
<b>Gene ID</b>	<a href="#">3094</a>
<b>Gene Symbol</b>	<a href="#">HINT1</a>
<b>Dilution range</b>	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:20000
<b>Specificity</b>	Hint1 Polyclonal Antibody detects endogenous levels of Hint1 protein.
<b>Tissue Specificity</b>	Widely expressed.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Histidine triad nucleotide-binding protein 1 Adenosine 5'-monophosphoramidase Protein kinase C inhibitor 1 Protein kinase C-interacting protein 1 PKCI-1
<b>Molecular Weight</b>	28 kDa
<b>Clonality</b>	Polyclonal

<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:4912OMIM:137200</a>
<b>Alternative Names</b>	Histidine triad nucleotide-binding protein 1 Adenosine 5'-monophosphoramidase Protein kinase C inhibitor 1 Protein kinase C-interacting protein 1 PKCI-1
<b>Function</b>	Hydrolyzes purine nucleotide phosphoramidates with a single phosphate group, including adenosine 5'monophosphoramidate (AMP-NH <sub>2</sub> ), adenosine 5'monophosphomorpholidate (AMP-morpholidate) and guanosine 5'monophosphomorpholidate (GMP-morpholidate). Hydrolyzes lysyl-AMP (AMP-N-epsilon-(N-alpha-acetyl lysine methyl ester)) generated by lysine tRNA ligase, as well as Met-AMP, His-AMP and Asp-AMP, lysyl-GMP (GMP-N-epsilon-(N-alpha-acetyl lysine methyl ester)) and AMP-N-alanine methyl ester. Can also convert adenosine 5'-O-phosphorothioate and guanosine 5'-O-phosphorothioate to the corresponding nucleoside 5'-O-phosphates with concomitant release of hydrogen sulfide. In addition, functions as scaffolding protein that modulates transcriptional activation by the LEF1/TCF1-CTNNB1 complex and by the complex formed with MITF and CTNNB1. Modulates p53/TP53 levels and p53/TP53-mediated apoptosis. Modulates proteasomal degradation of target proteins by the SCF (SKP2-CUL1-F-box protein) E3 ubiquitin-protein ligase complex.
<b>Cellular Localization</b>	Cytoplasm. Nucleus. Interaction with CDK7 leads to a more nuclear localization.