



## Rabbit Anti-Phospho-Calcineurin B (Tyr106) antibody

SL10342R

<b>Product Name:</b>	Phospho-Calcineurin B (Tyr106)
<b>Chinese Name:</b>	磷酸化钙调磷酸酶B亚基B1抗体
<b>Alias:</b>	Calcineurin B (phospho Y106); Calcineurin B (phospho Tyr106); p-Calcineurin B (Tyr106); Calcineurin subunit B type 1; CALNB1; CANB1_HUMAN; Cna2; CNB; CNB1; OTTHUMP00000201960; OTTHUMP00000201961; Ppp3r1; PPP3R1 protein phosphatase 3 (formerly 2B), regulatory subunit B, alpha isoform; alpha isoform (calcineurin B, type I); calcineurin B, type I (19kDa); protein phosphatase3 (formerly2B), regulatory subunit B, alpha isoform antibody Protein phosphatase 2B regulatory subunit 1; Protein phosphatase 2B regulatory subunit B alpha; protein phosphatase 3 (formerly 2B), regulatory subunit B, 19kDa, alpha isoform (calcineurin B, type I); Protein phosphatase 3 regulatory subunit B alpha; Protein phosphatase 3 regulatory subunit B alpha isoform 1.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,Guinea Pig,Fruit Fly,Danio rerio
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	19kDa
<b>Cellular localization:</b>	cytoplasmicThe cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthesised phosphopeptide derived from human Calcineurin B around the phosphorylation site of Tyr106:DG(p-Y)IS
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A

<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>In eukaryotes, the phosphorylation and dephosphorylation of proteins on serine and threonine residues is an essential means of regulating a broad range of cellular functions including division, homeostasis and apoptosis. A group of proteins that are intimately involved in this process are the protein phosphatases. In general, the protein phosphatase (PP) holoenzyme is a trimeric complex composed of a regulatory subunit, a variable subunit and a catalytic subunit. Four major families of protein phosphatase catalytic subunit have been identified, designated PP1, PP2A, PP2B and PP2C. An additional protein phosphatase catalytic subunit, PPX (also known as PP4), is a putative member of a novel PP family. The PP2B family comprises subfamily members PP2B-A alpha, PP2B-A Beta and PP2B-A Gamma. Two additional regulatory subunits been identified, designated PP2B-B1 and PP2B-B2.</p> <p><b>Function:</b> Regulatory subunit of calcineurin, a calcium-dependent, calmodulin stimulated protein phosphatase. Confers calcium sensitivity.</p> <p><b>Subunit:</b> Composed of a catalytic subunit (A) and a regulatory subunit (B).</p> <p><b>Similarity:</b> Belongs to the calcineurin regulatory subunit family. Contains 4 EF-hand domains.</p> <p><b>SWISS:</b> P63098</p> <p><b>Gene ID:</b> 5534</p> <p><b>Database links:</b></p> <p><a href="#">Entrez Gene: 5534</a> Human</p> <p><a href="#">Entrez Gene: 19058</a> Mouse</p> <p><a href="#">Entrez Gene: 29748</a> Rat</p> <p><a href="#">Omim: 601302</a> Human</p> <p><a href="#">SwissProt: P63098</a> Human</p>

[SwissProt: Q63810](#) Mouse

[SwissProt: P63100](#) Rat

[Unigene: 280604](#) Human

[Unigene: 41840](#) Mouse

[Unigene: 42903](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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