



# Anti-PHOSPHO1 (aa 168-266) polyclonal antibody (DPAB-DC710)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	PHOSPHO1 (phosphatase, orphan 1) is a protein-coding gene. Diseases associated with PHOSPHO1 include scabies, and hypophosphatasia, and among its related super-pathways are Glycerophospholipid biosynthesis and Metabolic pathways. GO annotations related to this gene include pyrophosphatase activity and metal ion binding. An important paralog of this gene is PHOSPHO2.
<b>Immunogen</b>	PHOSPHO1 (NP_848595, 168 a.a. ~ 266 a.a) partial recombinant protein with GST tag. The sequence is CARCPANMCKHKVLSDYLRERAHDGVHFERLFYVGDGANDFCPMGLLAGGDVAFPRRGYP MHRLIQEAQKAEPSSFRASVVPWETAADVRLHLQQVLKS
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">PHOSPHO1 phosphatase, orphan 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	PHOSPHO1
<b>Synonyms</b>	PHOSPHO1; phosphatase, orphan 1; phosphoethanolamine/phosphocholine phosphatase;
<b>Entrez Gene ID</b>	<a href="#">162466</a>
<b>Protein Refseq</b>	<a href="#">NP_001137276</a>
<b>UniProt ID</b>	<a href="#">Q8TCT1</a>
<b>Chromosome Location</b>	17q21.32
<b>Pathway</b>	Glycerophospholipid biosynthesis; Glycerophospholipid metabolism; Metabolism of lipids and lipoproteins; Synthesis of PC
<b>Function</b>	metal ion binding; phosphocholine phosphatase activity; phosphoethanolamine phosphatase activity; pyrophosphatase activity