



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

Antigen Description	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.
Immunogen	PHOSPHO1 (NP_848595, 168 a.a. ~ 266 a.a) partial recombinant protein with GST tag. The sequence is CARCPANMCKHKVLSYLRERAHDGVHFERLFYVGDGANDFCPMGLLAGGDVAFPRRGYP MHRLIQEAQKAEPSSFRASVVPWETAADVRLHLQQVLKS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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