



PHLPP1 blocking peptide (CDBP5908)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the serine/threonine phosphatase family. The encoded protein promotes apoptosis by dephosphorylating and inactivating the serine/threonine kinase Akt, and functions as a tumor suppressor in multiple types of cancer. Increased expression of this gene may also play a role in obesity and type 2 diabetes by interfering with Akt-mediated insulin signaling. [provided by RefSeq, Dec 2011]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	PHLPP1 PH domain and leucine rich repeat protein phosphatase 1 [Homo sapiens (human)]
Official Symbol	PHLPP1
Synonyms	PHLPP1; PH domain and leucine rich repeat protein phosphatase 1; SCOP; PHLPP; PLEKHE1; PH domain leucine-rich repeat-containing protein phosphatase 1; SCN circadian oscillatory protein; PH domain-containing family E member 1; suprachiasmatic nucleus circadian oscillatory protein; pleckstrin homology domain containing, family E (with leucine rich repeats) member 1

Entrez Gene ID	23239
mRNA Refseq	NM_194449
Protein Refseq	NP_919431
UniProt ID	O60346
Pathway	Adaptive Immune System; DAP12 interactions; DAP12 signaling; Disease; Downstream signal transduction; Downstream signaling events of B Cell Receptor (BCR); Downstream signaling of activated FGFR; Fc epsilon receptor (FCERI) signaling
Function	metal ion binding; phosphoprotein phosphatase activity; protein binding