

PHLPP1 Conjugated Antibody

Catalog No: #C36693



Package Size: #C36693-AF350 100ul #C36693-AF405 100ul #C36693-AF488 100ul
 #C36693-AF555 100ul #C36693-AF594 100ul #C36693-AF647 100ul
 #C36693-AF680 100ul #C36693-AF750 100ul #C36693-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	PHLPP1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PHLPP1 protein.
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human PH domain and leucine rich repeat protein phosphatase 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	PHLPP1
Accession No.	Swiss-Prot#:O60346NCBI Gene ID:23239NCBI Protein#:BC014927/O60346
Uniprot	O60346
GeneID	23239;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

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.

Note: This product is for in vitro research use only