

# Immunotag™ PHLP1 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN2979
Product Description	Immunotag™ PHLP1 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PHLP1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	PHLP1 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	PHLPP1 KIAA0606 PHLPP PLEKHE1 SCOP
Accession No.	O60346 Q8CHE4 Q9WTR8
Description	PH domain and leucine rich repeat protein phosphatase 1(PHLPP1) Homo sapiens 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],
Protein Expression	Liver,

## Antibody Specification

Subcellular Localization	nucleus,cytosol,plasma membrane,
Protein Function	apoptosis, circadian rhythm, cell death, programmed cell death, death, rhythmic process,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.