

Immunotag™ PRPH Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT3870
Product Description	Immunotag™ PRPH 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	PRPH
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from PRPH, at AA range: 390-470
Specificity	PRPH Polyclonal Antibody detects endogenous levels of PRPH protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	PRPH
Accession No.	P41219 P15331 P21807
Alternate Names	PRPH; NEF4; PRPH1; Peripherin; Neurofilament 4
Description	peripherin(PRPH) Homo sapiens This gene encodes a cytoskeletal protein found in neurons of the peripheral nervous system. The encoded protein is a type III intermediate filament protein with homology to other cytoskeletal proteins such as desmin, and is a different protein that the peripherin found in photoreceptors. Mutations in this gene have been associated with susceptibility to amyotrophic lateral sclerosis. [provided by RefSeq, Jul 2008],

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Cell Pathway/ Category	Amyotrophic lateral sclerosis (ALS),
Protein Expression	Brain,Placenta,Small intestine,
Subcellular Localization	intermediate filament,membrane,type III intermediate filament,extracellular exosome,
Protein Function	function:Class-III neuronal intermediate filament protein.,online information:Peripherin entry,similarity:Belongs to the intermediate filament family.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.