



Anti-PRPH (aa 374-470) polyclonal antibody (DPAB-DC2509)

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

PRODUCT INFORMATION

Antigen Description	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 than the peripherin found in photoreceptors. Mutations in this gene have been associated with susceptibility to amyotrophic lateral sclerosis.
Immunogen	PRPH (NP_006253, 374 a.a. ~ 470 a.a) partial recombinant protein with GST tag. The sequence is RHLREYQELLNVKMA LDIEIATYRK LLEG EESRISVPVHSFASLNIKTTVPEVEPPQDSH SRKTVLIKTIETRNGEVVTESQKEQRSELDKSSAHSY
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	PRPH peripherin [Homo sapiens (human)]
Official Symbol	PRPH
Synonyms	PRPH; peripherin; NEF4; PRPH1; neurofilament 4 (57kD);
Entrez Gene ID	5630
Protein Refseq	NP_006253
UniProt ID	B3KWQ6
Chromosome Location	12q12-q13
Pathway	Amyotrophic lateral sclerosis (ALS);
Function	structural molecule activity;