



Anti-DPYSL2 (C-terminal) polyclonal antibody (DPABH-12105)

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

PRODUCT INFORMATION

Antigen Description	Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance, neuronal growth cone collapse and cell migration.
Immunogen	Synthetic peptide conjugated to KLH, corresponding to a region from the C-Terminus of Human CRMP2 (NP_001377.1).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA, WB, IHC-P, ICC/IF
Format	Liquid
Size	50 µg
Buffer	pH: 7.40; Constituents: 49% PBS, 0.88% Sodium chloride, 50% Glycerol Note: PBS (without Mg2+, Ca2+)
Preservative	None
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	DPYSL2 dihydropyrimidinase-like 3 [Homo sapiens]
Official Symbol	DPYSL2
Synonyms	DPYSL2; dihydropyrimidinase-like 2; DRP2; N2A3; CRMP2; DRP-2; ULIP2; CRMP-2; DHPRP2; ULIP-2; dihydropyrimidinase-related protein 2; unc-33-like phosphoprotein 2; collapsin response mediator protein hCRMP-2;
Entrez Gene ID	1808
Protein Refseq	NP_001184222.1
UniProt ID	Q16555
Pathway	Axon guidance; Axon guidance; CRMPs in Sema3A signaling; L1CAM interactions
Function	dihydropyrimidinase activity; protein binding; protein kinase binding;