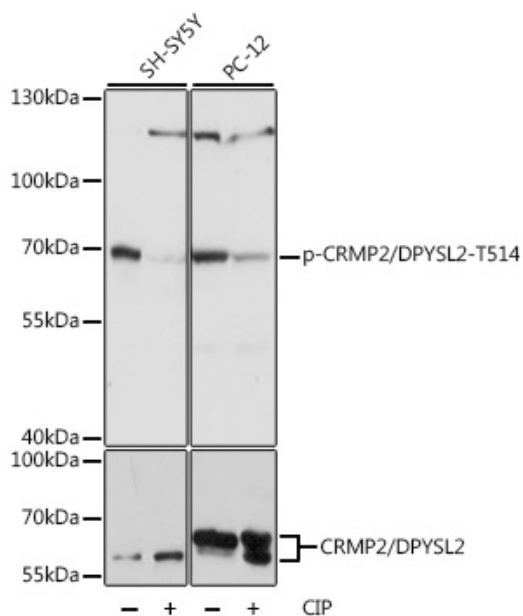


Product name:	Phospho-CRMP2/DPYSL2-T514 Rabbit pAb
Cat number:	AB0821
Conjugate:	Unconjugated
Size:	100 ug
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic phosphorylated peptide around T514 of human CRMP2/DPYSL2 (NP_001377.1).
Reactivity:	Human,Mouse,Rat
Applications:	WB,1:500 - 1:2000
Molecular Weight:	69kDa
Purification:	Affinity purification
Form:	liquid
Buffer:	PBS with 0.01% thimerosal,50% glycerol,pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Background:	This gene encodes a member of the collapsin response mediator protein family. Collapsin response mediator proteins form homo- and hetero-tetramers and facilitate neuron guidance, growth and polarity. The encoded protein promotes microtubule assembly and is required for Sema3A-mediated growth cone collapse, and also plays a role in synaptic signaling through interactions with calcium channels. This gene has been implicated in multiple neurological disorders, and hyperphosphorylation of the encoded protein may play a key role in the development of Alzheimer's disease. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.



Western blot analysis of various lysates using Phospho-CRMP2/DPYSL2-T514 Rabbit pAb at 1:1000 dilution or CRMP2/DPYSL2 antibody. SH-SY5Y cells were treated by CIP at 37°C for 1 hour. PC-12 cells were treated by CIP at 37°C for 1 hour. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 1s.