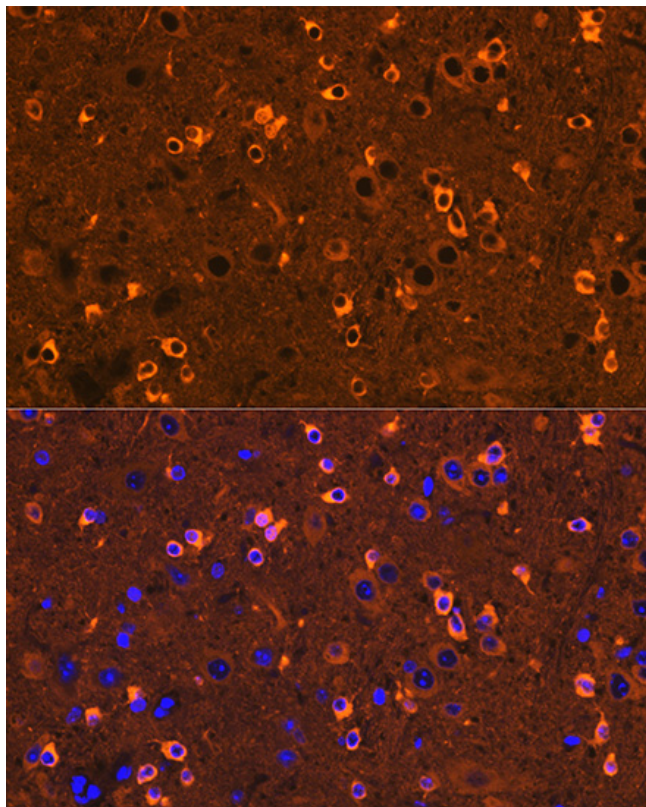
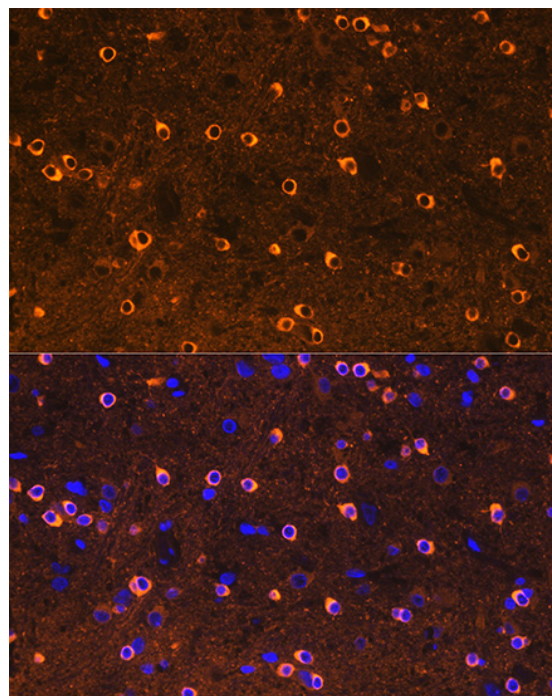
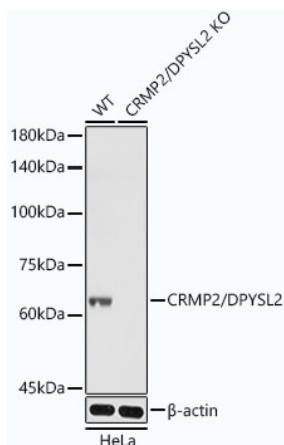
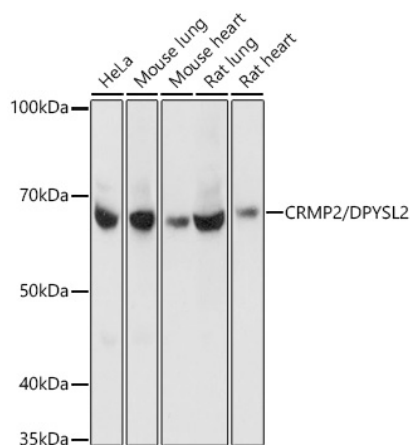


Product name:	[KO Validated] CRMP2/DPYSL2 Rabbit mAb
Cat number:	AB4411
Conjugate:	Unconjugated
Size:	100 ug
Clone:	ARC1123
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 473-572 of human CRMP2/DPYSL2 (Q16555).
Reactivity:	Human,Mouse,Rat
Applications:	WB,1:500 - 1:5000 IF/ICC,1:50 - 1:200
Molecular Weight:	62kDa
Purification:	Affinity purification
Form:	liquid
Buffer:	PBS with 0.02% sodium azide,0.05% BSA,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.



Immunofluorescence analysis of mouse brain using CRMP2/DPYSL2 Rabbit mAb at dilution of 1:100. Blue: DAPI for nuclear staining.