

## DPYSL4 polyclonal antibody

Catalog: BS65335

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

disease: Antibodies against post-translationally modified DPYSL4, also called anti-CV2 autoantibodies, are present in sera from patients with paraneoplastic neurological diseases (PND). PND are disorders of the nervous system associated with various systemic cancers which are not a direct result of the tumor mass or metastasis, but attributed to remote effects of the cancer. function: 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. PTM: Phosphorylated upon DNA damage, probably by ATM or ATR. similarity: Belongs to the DHOase family. Hydantoinase/dihydropyrimidinase subfamily. subunit: Homotetramer, and heterotetramer with CRMP1, DPYSL2, DPYSL3 or DPYSL5. Interacts with PLEXA1.

### Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Molecular Weight:

~ 62 kDa

### Swiss-Prot:

O14531

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

### Applications:

Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

### Storage&Stability:

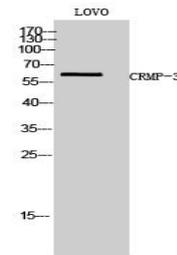
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

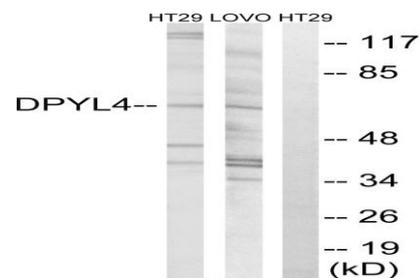
CRMP-3 Polyclonal Antibody detects endogenous levels

of CRMP-3 protein.

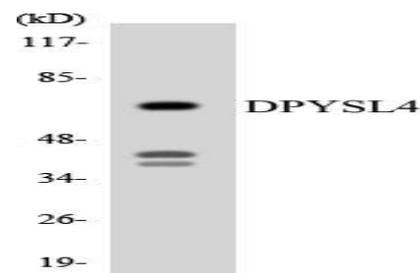
### DATA:



Western Blot analysis of LOVO cells using CRMP-3 Polyclonal Antibody



Western blot analysis of lysates from LOVO and HT-29 cells, using DPYSL4 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from RAW264.7 cells using DPYSL4 antibody.

### Note:

For research use only, not for use in diagnostic procedure.

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## PRODUCT DATA SHEET

Bioworld Technology, Inc.

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