SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-CRMP1/AF647 Conjugated antibody

Catalog Number: SL6652R-AF647

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-CRMP1/AF647
Immunogen:	KLH conjugated synthetic peptide derived from human CRMP1
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted:Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse)
Background:	background: This gene encodes a member of a family of cytosolic phosphoproteins expressed exclusively in the nervous system. The encoded protein is thought to be a part of the semaphorin signal transduction pathway implicated in semaphorin-induced growth cone collapse during neural development. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2008]. **Function:** Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance, invasive growth and cell migration. **Subunit:** Homotetramer, and heterotetramer with DPYSL2, DPYSL3, DPYSL4 or DPYSL5. Interacts with PLXNA1 (By similarity). **Subcellular Location:** Cytoplasm. Cytoplasm, cytoskeleton, centrosome. Cytoplasm, cytoskeleton, spindle. Note=Associated with centrosomes and the mitotic spindle during metaphase. **Tissue Specificity:** Brain.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Similarity: Belongs to the DHOase family. Hydantoinase/dihydropyrimidinase subfamily. **Database links:** UniProtKB/Swiss-Prot: Q14194.1 Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.