

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **CRMP1 RABBIT PAB**

Cat.#: S219717

**Product Name:** Anti-CRMP1 Rabbit Polyclonal Antibody

**Synonyms:** DRP1; DRP-1; CRMP-1; DPYSL1; ULIP-3 **UNIPROT ID:** Q14194 (Gene Accession - BC000252)

**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.

**Immunogen:** Synthetic peptide of human CRMP1

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-100;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse, Rat

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

glycerol

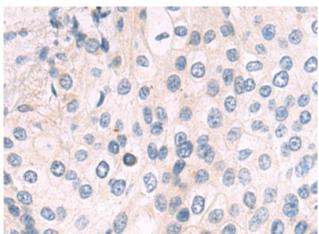
Research Areas: Neuroscience

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

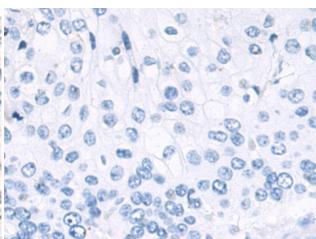


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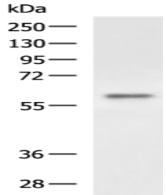
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Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 219717(CRMP1 Antibody) at a dilution of 1/50(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the synthetic peptide and then with 219717(Anti-CRMPI Antibody) at dilution 1/50.



Gel: 8%SDS-PAGE, Lysate: 40 µg; Lane: Mouse brain tissue lysate;

Primary antibody: 219717(CRMP1 Antibody) at

dilution 1/800;

Secondary antibody: HRP-conjugated Goat

anti rabbit IgG at 1/5000 dilution;

Exposure time: 5 seconds