

## Product datasheet

# Anti-CRMP2 antibody ab117870

### 製品の概要

製品名	Anti-CRMP2 antibody
製品の詳細	Rabbit polyclonal to CRMP2
アプリケーション	<b>適用あり:</b> WB, ELISA
種交差性	<b>交差種:</b> Mouse, Rat, Human
免疫原	Synthetic peptide taken from within the region corresponding to aa 60-115 of the CRMP2 protein. The 26mer peptide was conserved in several other species. The selected peptide was post-synthetically modified to achieve highest antigenicity before coupling to carrier protein using hetero-bifunctional cross linker for immunogen preparation.

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
バッファー	pH: 7.4 Preservative: 0.02% Sodium azide Constituents: Tris glycine, Tris HCl, 30% Glycerol, 0.5% BSA, HEPES
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab117870** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		1/500. Detects a band of approximately 64 kDa (predicted molecular weight: 62 kDa). The CRMP2 antibody labels a band of 64 kDa in CRMP2 protein samples. In Jurkat cells, the antibody also labels a smaller band (MW 54-56kDa), the identity of this protein is not known but may represent a splice variant or proteolysis product of CRMP2 protein.

アプリ ケー ション	Abreviews	特記事項
ELISA		1/500.

## ターゲット情報

機能	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.
組織特異性	Ubiquitous.
配列類似性	Belongs to the DHOase family. Hydantoinase/dihydropyrimidinase subfamily.
翻訳後修飾	3F4, a monoclonal antibody which strongly stains neurofibrillary tangles in Alzheimer disease brains, specifically labels DPYSL2 when phosphorylated on Ser-518, Ser-522 and Thr-509.
細胞内局在	Cytoplasm.

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