

## Product datasheet

# Anti-CRMP1 antibody ab137837

★★★★★ 1 Abreviews 1 References 2 Images

### Overview

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<b>Product name</b>	Anti-CRMP1 antibody
<b>Description</b>	Rabbit polyclonal to CRMP1
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human <b>Predicted to work with:</b> Rat, Chicken, Cow
<b>Immunogen</b>	Recombinant fragment corresponding to a region within amino acids 338 and 557 of Human CRMP1 (Q14194)
<b>Positive control</b>	NT2D1, IMR32, U87-MG, MCF7 or Mouse brain lysate
<b>General notes</b>	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications &amp; species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications &amp; species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications &amp; species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications &amp; species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&amp;As.</p>

### Properties

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<b>Form</b>	Liquid
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<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol (glycerin, glycerine)
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

Our [Abpromise guarantee](#) covers the use of **ab137837** in the following tested applications.

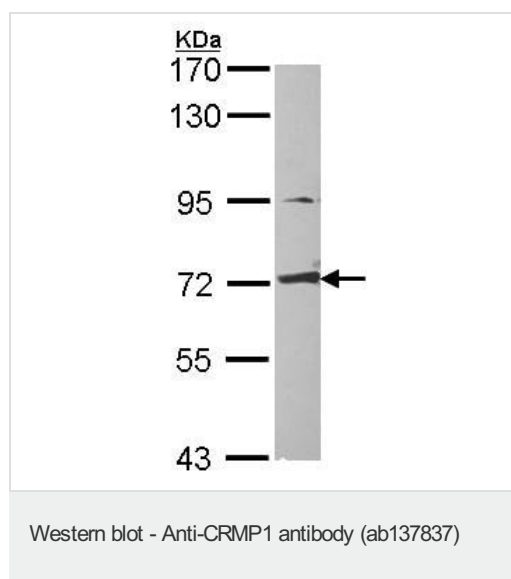
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★☆	1/1000 - 1/10000. Predicted molecular weight: 62 kDa.

## Target

<b>Function</b>	Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance, invasive growth and cell migration.
<b>Tissue specificity</b>	Brain.
<b>Sequence similarities</b>	Belongs to the DHOase family. Hydantoinase/dihydropyrimidinase subfamily.
<b>Cellular localization</b>	Cytoplasm. Cytoplasm > cytoskeleton > centrosome. Cytoplasm > cytoskeleton > spindle. Associated with centrosomes and the mitotic spindle during metaphase.

## Images

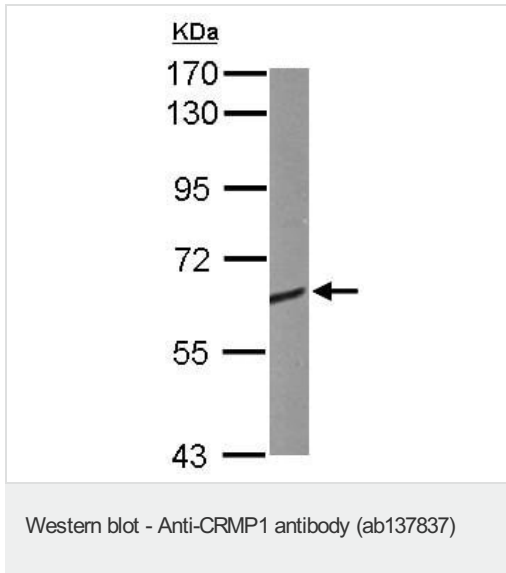


Anti-CRMP1 antibody (ab137837) at 1/1000 dilution + MCF7 whole cell lysate at 30 µg

**Predicted band size:** 62 kDa

7.5% SDS PAGE.

Secondary antibody - [anti-rabbit HRP \(ab6721\)](#)



Anti-CRMP1 antibody (ab137837) at 1/10000 dilution + Mouse brain whole cell lysate at 50 µg

**Predicted band size:** 62 kDa

7.5% SDS PAGE.

Secondary antibody - [anti-rabbit HRP \(ab6721\)](#)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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