

## Product datasheet

# Anti-CDC42EP2 antibody ab56716

1 Image

### Overview

<b>Product name</b>	Anti-CDC42EP2 antibody
<b>Description</b>	Mouse monoclonal to CDC42EP2
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant fragment, corresponding to amino acids 102-211 of Human CDC42EP2

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None PBS, pH 7.2
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Light chain type</b>	kappa

### Applications

Our [Abpromise guarantee](#) covers the use of **ab56716** 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		Use a concentration of 1 - 5 µg/ml. This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.

## Target

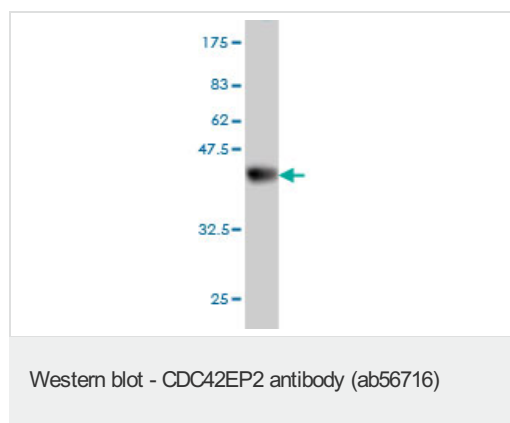
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<b>Function</b>	Probably involved in the organization of the actin cytoskeleton. May act downstream of CDC42 to induce actin filament assembly leading to cell shape changes. Induces pseudopodia formation in fibroblasts in a CDC42-dependent manner.
<b>Tissue specificity</b>	Highly expressed in the heart. Weakly expressed in the pancreas and liver.
<b>Sequence similarities</b>	Belongs to the BORG/CEP family. Contains 1 CRIB domain.
<b>Domain</b>	The CRIB domain mediates interaction with CDC42.
<b>Cellular localization</b>	Endomembrane system. Cytoplasm > cytoskeleton.

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## Images

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Western blot against tagged recombinant protein immunogen using ab56716 CDC42EP2 antibody at 1ug/ml. Predicted band size of immunogen is 38 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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