

Product datasheet

Anti-CDC42EP2 antibody ab56716

1 Image

Overview

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

Properties

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

Applications

Our [Abpromise guarantee](#) covers the use of **ab56716** in the following tested applications.

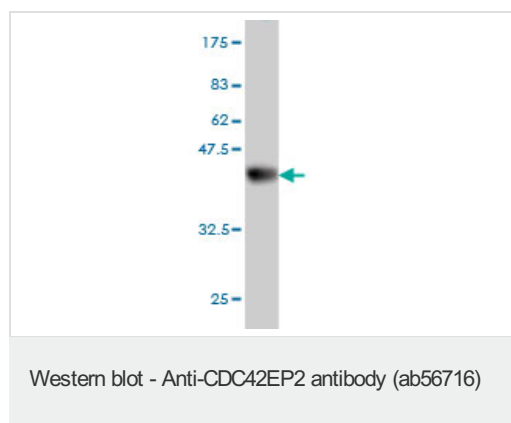
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

Function	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.
Tissue specificity	Highly expressed in the heart. Weakly expressed in the pancreas and liver.
Sequence similarities	Belongs to the BORG/CEP family. Contains 1 CRIB domain.
Domain	The CRIB domain mediates interaction with CDC42.
Cellular localization	Endomembrane system. Cytoplasm > cytoskeleton.

Images



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

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