

Datasheet for ABIN2790323
anti-CDC42EP1 antibody (N-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	CDC42EP1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Cow, Dog, Guinea Pig, Rabbit, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDC42EP1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human CDC42EP1
Sequence:	HTMHVGRGGD VFGDTSFLSN HGGSSGSTHR SPRSFLAKKL QLVRRVGAPP
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Human: 100%, Mouse: 86%, Rabbit: 93%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against CDC42EP1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CDC42EP1
Alternative Name:	CDC42EP1 (CDC42EP1 Products)

Target Details

Background:	CDC42 is a member of the Rho GTPase family that regulates multiple cellular activities, including actin polymerization. The protein encoded by this gene is a CDC42 binding protein that mediates actin cytoskeleton reorganization at the plasma membrane. This protein is secreted and is primarily found in bone marrow. Alias Symbols: BORG5, CEP1, MGC15316, MSE55 Protein Interaction Partner: RHOJ, DEF6, CDC42, FAM96B, YWHAB, UBC, MDFI, VCP, MAPKAP1, KRTAP4-12, RBPMS, FHL3, PLSCR1, RHOQ, Protein Size: 391
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Molecular Weight:	40 kDa
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Gene ID:	11135
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NCBI Accession:	NM_152243 , NP_689449
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UniProt:	Q00587
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 391 AA
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	Lot specific
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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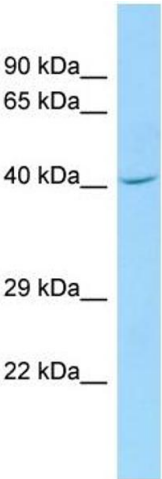
Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeated freeze-thaw cycles.
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Storage:	-20 °C
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Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
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Western Blotting

Image 1. WB Suggested Anti-CDC42EP1 Antibody Titration:
1.0 ug/ml Positive Control: THP-1 Whole Cell