

DNAXPAb

Hard-to-Find  
Antibody

# CDC42EP2 DNAXPab

Catalog # H00010435-W01P      Size 200 ug

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against a full-length human CDC42EP2 DNA using DNAX™ Immune technology.
<b>Technology</b>	<a href="#">DNAX™ Immune</a>
<b>Immunogen</b>	Full-length human DNA
<b>Sequence</b>	MSTKVPMLKRGSRKGKKEKLRDLLSSDMISPPLGDFRHTIHIGSGGGSDMFGDISFLQGKFHLLP GTMVEGPPEEDGTFDLPFQFTRTATVCGRELPDGPSPLLKNAISLPVIGGPQALTLP AQAPPKPP RLHLETPQPSPQEGGSVDIWRIPETGSPNSGLTPESGAEEPFLSNASSLLSLHVDLGPSILDDVLQ IMDQDLDSMQIPT
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Quality Control Testing</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)  
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — CDC42EP2

**Entrez GeneID** [10435](#)**GeneBank Accession#** [NM\\_006779.2](#)**Protein Accession#** [NP\\_006770.1](#)**Gene Name** CDC42EP2**Gene Alias** BORG1, CEP2**Gene Description** CDC42 effector protein (Rho GTPase binding) 2**Omim ID** [606132](#)**Gene Ontology** [Hyperlink](#)

**Gene Summary** CDC42, a small Rho GTPase, regulates the formation of F-actin-containing structures through its interaction with the downstream effector proteins. The protein encoded by this gene is a member of the Borg family of CDC42 effector proteins. Borg family proteins contain a CRIB (Cdc42/Rac interactive-binding) domain. They bind to, and negatively regulate the function of, CDC42. Coexpression of this protein with dominant negative mutant CDC42 protein in fibroblast was found to induce pseudopodia formation, which suggested a role of this protein in actin filament assembly and cell shape control. [provided by RefSeq]

**Other Designations** CRIB-containing BOGR1 protein|Cdc42 effector protein 2