



# Mouse anti-Human ARHGAP6 monoclonal antibody, clone 7C4 (CABT-B9783)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	ARHGAP6 (NP_038286, 531 a.a. ~ 637 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	7C4
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,sELISA,ELISA
<b>Sequence Similarities</b>	RHADDNISKDGQEVGTGNKMTSLNLATIFGPNLLHKQKSSDKEFSVQSSARAEESTAIIV VQKMIENYEALFMVPPDLQNEVLISLLETDPDVVDYLLRRKASQSS*
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	In 1x PBS, pH 7.2
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## BACKGROUND

<b>Introduction</b>	This gene encodes a member of the rhoGAP family of proteins which play a role in the regulation of actin polymerization at the plasma membrane during several cellular processes.
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This protein is thought to have two independent functions, one as a GTPase-activating protein with specificity for RhoA, and another as a cytoskeletal protein that promotes actin remodeling. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

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<b>Keywords</b>	ARHGAP6; Rho GTPase activating protein 6; RHOGAP6; RHOGAPX-1; rho GTPase-activating protein 6; rho-type GTPase-activating protein 6; Rho-type GTPase-activating protein RhoGAPX-1;
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## GENE INFORMATION

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<b>Entrez Gene ID</b>	<a href="#">395</a>
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<b>UniProt ID</b>	<a href="#">Q59HG6</a>
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<b>Pathway</b>	Regulation of RhoA activity, organism-specific biosystem; Rho GTPase cycle, organism-specific biosystem; Signaling by Rho GTPases, organism-specific biosystem
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<b>Function</b>	GTPase activator activity; Rho GTPase activator activity; SH3 domain binding; SH3/SH2 adaptor activity; phospholipase activator activity; phospholipase binding
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