



Anti-ARHGAP6 (aa 531-636) polyclonal antibody (DPAB-DC1837)

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

PRODUCT INFORMATION

Antigen Description	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. 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.
Immunogen	ARHGAP6 (NP_038286, 531 a.a. ~ 636 a.a) partial recombinant protein with GST tag. The sequence is RHADDNISKDGQEVGTGNKMTSLNLATIFGPNLLHKQKSSDKEFSVQSSARAEESTAIIV VQKMIENYEALFMVPPDLQNEVLISLLETDPDVVDYLLRRKASQSS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	ARHGAP6 Rho GTPase activating protein 6 [Homo sapiens (human)]
Official Symbol	ARHGAP6
Synonyms	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;
Entrez Gene ID	395
Protein Refseq	NP_001274171
UniProt ID	O43182
Chromosome Location	Xp22.3
Pathway	Regulation of RhoA activity; Signal Transduction.
Function	Rho GTPase activator activity; SH3 domain binding; SH3/SH2 adaptor activity; phospholipase activator activity