

KB538

For research use only

Anti Human ARHGAP4 Polyclonal Antibody

Code No. KB538
Target ARHGAP4
Category Signal transduction
Gene ID 393
Primary Source HGNC:674
Synonyms C1; RGC1; p115; RhoGAP4; KIAA0131; ARHGAP4

Type Polyclonal Antibody
Immunogen Recombinant protein of full length Human ARHGAP4

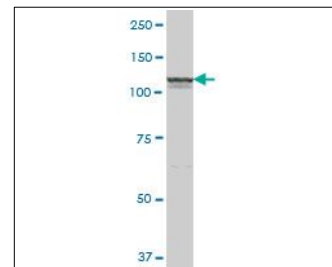
Raised in Mouse
Myeloma -
Clone number -
Purification Protein A purified
Source Mouse Serum
Isotype -
Cross Reactivity -
Label Unlabeled
Concentration 1 mg/mL
Contents (Volume) 50 µg
Buffer PBS, pH 7.2

Storage Store at - 20 °C long term, store at 4 °C short term. Avoid repeated freeze-thaw cycles.

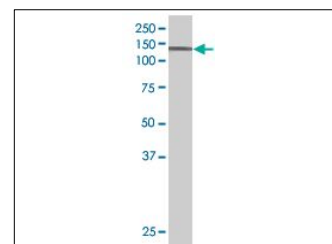
Application WB,FCM

ELISA	WB	IHC	ICC
-	1.0	-	-
IP	FCM	IF	Neutralization
-	1.0	-	-

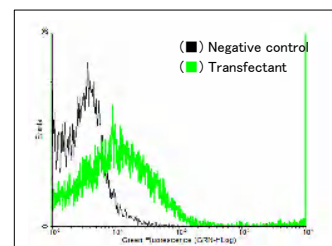
(µg/mL)



[WB] human placenta tissue lysate



[WB] ARHGAP4 transfected 293T cell lysate



[FCM] ARHGAP4 expressing 293 cells

Reference

1. Tribioli C., et al. "An X chromosome-linked gene encoding a protein with characteristics of a rhoGAP predominantly expressed in hematopoietic cells." *Proc. Natl. Acad. Sci. U.S.A.* 93:695-699(1996)
2. Nagase T., et al. "Prediction of the coding sequences of unidentified human genes. IV. The coding sequences of 40 new genes (KIAA0121-KIAA0160) deduced by analysis of cDNA clones from human cell line KG-1." *DNA Res.* 2:167-174(1995)
3. Tribioli C., et al. "Isolation of new genes in distal Xq28: transcriptional map and identification of a human homologue of the ARD1 N-acetyl transferase of *Saccharomyces cerevisiae*." *Hum. Mol. Genet.* 3:1061-1068(1994)

UniPlot Summary

//Function: Inhibitory effect on stress fiber organization. May down-regulate Rho-like GTPase in hematopoietic cells.

//Subcellular location: Cytoplasm. Note: Just below the plasma membrane.

//Tissue specificity: Predominantly in hematopoietic cells (spleen, thymus and leukocytes); low levels in placenta, lung and various fetal tissues.

//Sequence similarities: Contains 1 FCH domain. Contains 1 Rho-GAP domain. Contains 1 SH3 domain.