

Rabbit ARHGEF6 Polyclonal Antibody | anti-ARHGEF6 antibody

ARHGEF6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328150	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

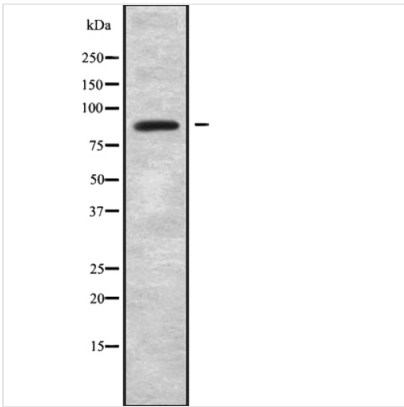
PRODUCT SYNONYMS

ARHGEF6; Polyclonal Antibody; ARHGEF6 Antibody; Alpha Pix; Alpha-Pix; ARHG6_HUMAN; COOL 2; COOL-2; COOL2; Mental retardation; X linked 46; MRX46; PAK interacting exchange factor alpha; PAK-interacting exchange factor alpha; PIXA; Rac/Cdc42 guanine exchange factor (GEF) 6; Rac/Cdc42 guanine nucleotide exchange factor (GEF) 6; Rac/Cdc42 guanine nucleotide exchange factor 6; Rho guanine nucleotide exchange factor 6; anti-ARHGEF6 antibody

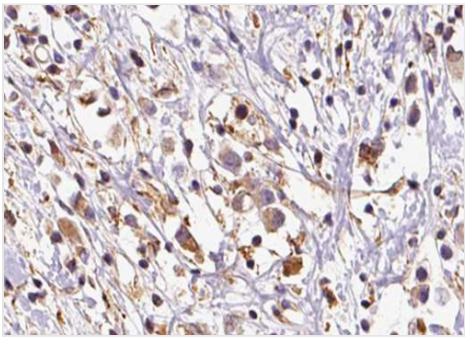
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ARHGEF6 antibody detects endogenous levels of total ARHGEF6
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	622
Applicable Applications for anti-ARHGEF6 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ARHGEF6
Tissue Specificity	Ubiquitous.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (91%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of ARHGEF6 using K562 whole cell lysates



IHC (Immunohistochemistry)
AAA328150 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-ARHGEF6 antibody	Function: Acts as a RAC1 guanine nucleotide exchange factor (GEF). Subunit Structure: Interacts with PAK kinases through the SH3 domain. Interacts with GIT1. Component of cytoplasmic complexes, which also contain PXN, GIT1 and PAK1 (By similarity). Interacts with PARVB. Interacts with BIN2. Identified in a complex with BIN2 and GIT2.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	807201165
NCBI GeneID	9459
NCBI Accession #	NP_001293106.1
NCBI GenBank Nucleotide #	NM_001306177.1
UniProt Accession #	Q15052; Q15396; Q5JQ66; Q7Z3W1; Q86XH0; A6NMW9; A8K6S7; B1AL37
Molecular Weight	Observed: 87 kDa Predicted: 88 kDa
NCBI Official Full Name	rho guanine nucleotide exchange factor 6 isoform 2
NCBI Official Synonym Full Names	Rac/Cdc42 guanine nucleotide exchange factor 6
NCBI Official Symbol	ARHGEF6
NCBI Official Synonym Symbols	PIXA; COOL2; MRX46; Cool-2; alphaPIX; alpha-PIX
NCBI Protein Information	rho guanine nucleotide exchange factor 6
UniProt Protein Name	Rho guanine nucleotide exchange factor 6
UniProt Gene Name	ARHGEF6
UniProt Synonym Gene Names	COOL2; KIAA0006; PIXA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.