10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ARHGAP36 Rabbit pAb

Catalog # AP99277

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q6ZRI8
Other Accession	Q6ZRI8
Predicted	Rat, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	61664
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ARHGAP36
Epitope Specificity	351-450/547
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 Rho-GAP domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	ARHGAP36 is a 547 amino acid protein that contains one Rho-GAP domain. Conserved in chimpanzee, dog, cow, mouse and rat, ARHGAP36 exists as five alternatively spliced isoforms and is encoded by a gene that maps to human chromosome Xq26.1. Chromosome X consists of nearly 153 million base pairs encoding approximately 1,000 genes. More than one copy of the X chromosome with a Y chromosome causes Klinefelter's syndrome. A single copy of X alone leads to Turner's syndrome. More than 2 copies of the X chromosome, in the absence of a Y chromosome, is known as Triple X syndrome. Color blindness, hemophilia, and Duchenne muscular dystrophy are X chromosome-linked conditions that affect males more frequently because males carry a single X chromosome.

Additional Information

Gene ID	158763
Other Names	RHG36_HUMAN; ARHGAP36; Rho GTPase activating protein 36
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	ARHGAP36
Function	GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state.
Tissue Location	Detected in the outer root sheath of hair follicles at the level of the stem cell bulge, during the anagen and telogen phases of hair growth (at protein level)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.