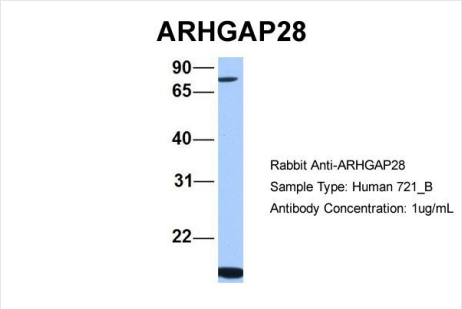
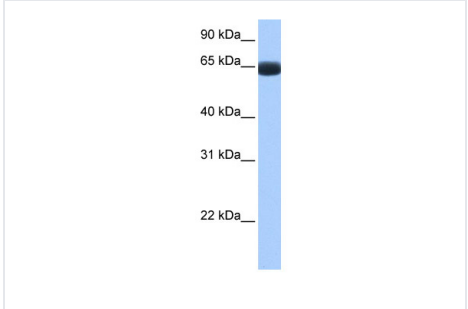
ARHGAP28 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ARHGAP28, Polyclonal Antibody
Full Product Name	ARHGAP28 antibody - C-terminal region
Product Gene Name	anti-ARHGAP28 antibody
Product Synonym Gene Name	DKFZp686A2038; FLJ10312
Immunogen Sequence	Synthetic peptide located within the following region: AKFQYENRIL HWQRAALSFL NGKWVKKERE ESTETNRSPK HVFLFTIGLD
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purity/Purification	Affinity Purified
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	ARHGAP28 peptide (MBS3236465) is used for blocking the activity of ARHGAP28 antibody (MBS3211516)
Molecular Weight	62kDa
OMIM	610592
3D Structure	ModBase 3D Structure for Q9P2N2
Homology	Human: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human ARHGAP28
Product Categories/Family for anti-ARHGAP28 antibody	Polyclonal; Various
Applications Tested/Suitable for anti-ARHGAP28 antibody	Western Blot (WB)
Related Product Information for anti-ARHGAP28 antibody	This is a rabbit polyclonal antibody against ARHGAP28. It was validated on Western Blot using a cell lysate as a positive control. Target Description: ARHGAP28 contains 1 Rho-GAP domain. ARHGAP28 is a GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state.
Other Notes	Small volumes of anti-ARHGAP28 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ARHGAP28 purchase	MBS3211516 is an antibody targeting ARHGAP28. Also known as ARHGAP28 antibody - C-terminal region. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-ARHGAP28 antibody
Host: RabbitTarget Name: ARHGAP28Sample Type: Human 721_BAntibody Dilution: 1.0ug/mlARHGAP28 is supported by BioGPS gene expression data to be expressed in 721_B



Western Blot (WB) of anti-ARHGAP28 antibody
WB Suggested Anti-ARHGAP28 Antibody Titration: 0.2-1 ug/mlPositive Control: Human Lung

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ARHGAP28. It may not necessarily be applicable to this product.

NCBI GI #	59710111
NCBI GeneID	79822
NCBI Accession #	NP_109597
UniProt Primary Accession #	Q9P2N2
UniProt Related Accession #	Q9P2N2
GenBank Nucleotide #	NM_030672
NCBI Official Synonym Full Names	Rho GTPase activating protein 28
NCBI Official Symbol	ARHGAP28
UniProt Protein Name	Rho GTPase-activating protein 28
UniProt Synonym Protein Names	Rho-type GTPase-activating protein 28
Protein Family	Rho GTPase-activating protein
UniProt Gene Name	ARHGAP28
UniProt Synonym Gene Names	KIAA1314
UniProt Entry Name	RHG28_HUMAN
NCBI Protein Information	rho GTPase-activating protein 28
UniProt Comments for ARHGAP28	ARHGAP28: GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state. 4 isoforms of the human protein are produced by alternative splicing. Protein type: GAPs, Rac/Rho; GAPs Chromosomal Location of Human Ortholog: 18p11.31 Cellular Component: nucleoplasm; cytosol; cell junction Molecular Function: GTPase activator activity Biological Process: regulation of small GTPase mediated signal transduction; small GTPase mediated signal transduction; positive regulation of GTPase activity
Research Articles on ARHGAP28	**1.** The results of this study provide evidence that there are common variants within this protein that contribute to the risk for a general liability to substance dependence

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