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Datasheet for ABIN6739077 anti-CDC42 antibody (AA 38-87)

Image



Overview

Quantity:	100 μL
Target:	CDC42
Binding Specificity:	AA 38-87
Reactivity:	Human, Mouse, Rat, Cow, Dog, Monkey, Chicken, Pig, Rabbit, Xenopus laevis, Horse, Avian, Guinea Pig, Insect
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDC42 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	ynthetic peptide located between aa38-87 of human CDC42 (P60953, NP_001782). Percent
	identity by BLAST analysis: Human, Chimpanzee, Mouse, Rat, Dog, Bovine, Rabbit, Horse, Pig,
	Guinea pig, Chicken, Sablefish, Mosquito, Tunicate, California sea hare, Red sea bream, African
	clawed frog, Crab-eating macaque, Channel catfish, blue catfish, Sponge, Green puffer,
	Common rockweed, Dumeril's clam worm, Croceine croaker, Choanoflagellate, Japanese quail,
	Brown alga (100%).
lsotype:	lgG
Specificity:	Human CDC42
Predicted Reactivity:	Percent identity by BLAST analysis: Monkey, Dog, Rabbit, Chicken, Xenopus, Catfish, Pufferfish, Eye worm, Seq squirt, Mosquito, Nematode, Tunicate, Trichomonas (100%).

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Product Details

Purification: Immuno

Immunoaffinity purified

Target Details

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Target:	CDC42
Alternative Name:	CDC42 (CDC42 Products)
Background:	Name/Gene ID: CDC42
	Synonyms: CDC42, G25K, G25K GTP-binding protein, Growth-regulating protein, CDC42Hs, GTP-binding protein, 25kD
Gene ID:	998
NCBI Accession:	NP_001782
UniProt:	P60953
Pathways:	MAPK Signaling, Microtubule Dynamics, RTK Signaling, WNT Signaling, TCR Signaling, EGFR Signaling Pathway, Regulation of Actin Filament Polymerization, Regulation of Muscle Cell Differentiation, Cell-Cell Junction Organization, Maintenance of Protein Location, Skeletal Muscle Fiber Development, Signaling Events mediated by VEGFR1 and VEGFR2, EGFR Downregulation, VEGF Signaling
Application Details	
Application Notes:	Approved: WB
	Usage: ELISA titer using peptide based assay: 1:62500. Western Blot: Suggested dilution at 1 µ g/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Distilled Water.
Concentration:	Lot specific

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Handling

Buffer:	Lyophilized from PBS, 2 % sucrose.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



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