

Product datasheet for **CF809263**

ARHGAP12 Mouse Monoclonal Antibody [Clone ID: OTI4A3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4A3
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 286-452 of human ARHGAP12 (NP_060757) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	96.1 kDa
Gene Name:	Rho GTPase activating protein 12
Database Link:	NP_060757 Entrez Gene 75415 Mouse Entrez Gene 307016 Rat Entrez Gene 94134 Human Q8IWW6



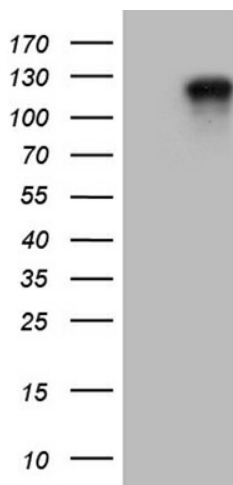
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Background:

This gene encodes a member of a large family of proteins that activate Rho-type guanosine triphosphate (GTP) metabolizing enzymes. The encoded protein may be involved in suppressing tumor formation by regulating cell invasion and adhesion. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jul 2012]

Synonyms:

DKFZp779N2050; FLJ10971; FLJ20737; FLJ21785; FLJ45709

Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY ARHGAP12 (Cat# [RC215343], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ARHGAP12 (Cat# [TA809263])(1:2000). Positive lysates [LY413135] (100ug) and [LC413135] (20ug) can be purchased separately from OriGene.