

Anti-RACGAP1/MgcRacGAP antibody (C-Term) (STJ70121)

STJ70121

GENERAL INFORMATION

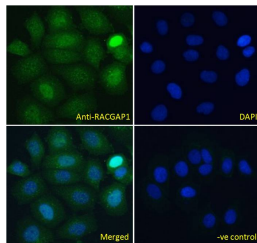
Product Type	Primary antibodies
Short Description	Goat polyclonal antibody anti-RACGAP1/MgcRacGAP (C-Term) is suitable for use in ELISA and Western Blot research applications.
Applications	Pep-ELISA, WB
Host/Source	Goat
Reactivity	Human, Dog, Cow

PRODUCT PROPERTIES

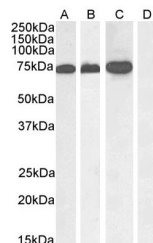
Clonality	Polyclonal
Clone ID	
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	WB-0.3-1µg/ml IHC-1µg/ml IF-Strong expression of the protein seen in the cytoplasm of MCF7 cells. 10µg/ml FC-Flow cytometric analysis of MCF7 cells. 10µg/ml ELISA-antibody detection limit dilution 1:32000.
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Isotype	IgG
Storage Instruction	Store at -20 on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

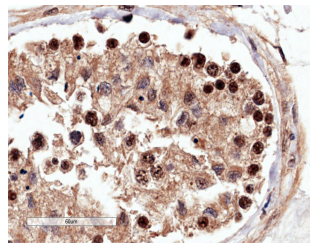
Gene ID	29127
Gene Symbol	RACGAP1
Uniprot ID	RGAP1_HUMAN
Immunogen Region	C-Term
Specificity	This antibody is expected to recognize all reported isoforms (NP_037409.2; NP_001306934.1; NP_001306935.1; NP_001306936.1). Reported variants represent identical protein: NP_001306928.1, NP_001119576.1, NP_037409.2, NP_001306931.1, NP_001306929.1, NP
Immunogen Sequence	GRQGNFFASPMLK



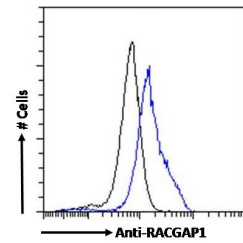
STJ70121 Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10µg/ml) followed by Alexa Fluor 488 secondary antibody (4µg/ml) showing nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10µg/ml) followed by Alexa Fluor 488 secondary antibody (4µg/ml).



STJ70121 (1µg/ml) staining of A431 nuclear (A), Jurkat (B), Jurkat nuclear (C) and negative control Human Pancreas (D) lysate. (35µg protein in RIPA buffer) Detected by chemiluminescence.



STJ70121 (4µg/ml) staining of paraffin embedded Human Testis. Microwaved antigen retrieval with Tris/EDTA buffer pH9, HRP-staining.



STJ70121 Flow cytometric analysis of paraformaldehyde fixed MCF7 cells (blue line) permeabilized with 0.5% Triton. Primary incubation 1hr (10µg/ml) followed by Alexa Fluor 488 secondary antibody (4µg/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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