

# Product Datasheet

## RAP1GDS1 Antibody - BSA Free NBP1-87027

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 2

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**NBP1-87027**

RAP1GDS1 Antibody - BSA Free

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

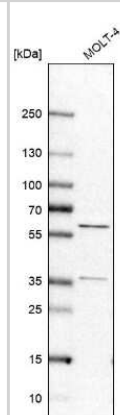
Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	5910
<b>Gene Symbol</b>	RAP1GDS1
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Reactivity reported in scientific literature (PMID: 23435261)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: ESSKQFASTNIAEELVKLFKKQIEHDKREMIFEVLAPLAENDAIKLQLVEAGLVEC LLEIVQQKVDSDKEDDITELKTGSDLMVLLLLGDESMQKLFEGGKGSVFQRVLS WIPSNHQLQLAGA

Product Application Details	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50-1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

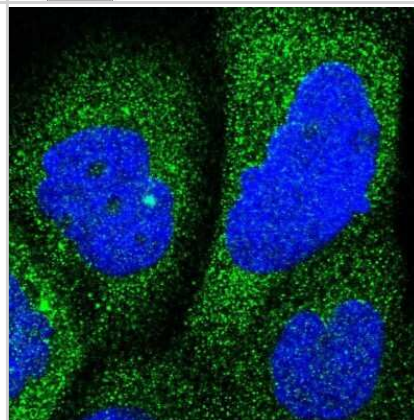


## Images

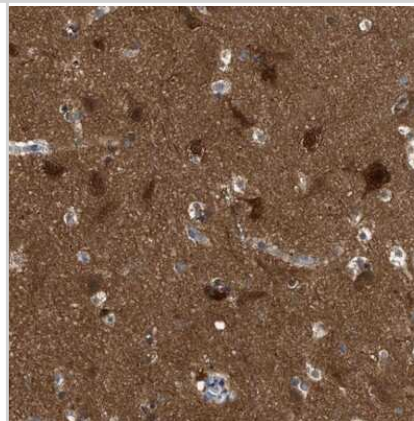
Western Blot: RAP1GDS1 Antibody [NBP1-87027] - Analysis in human cell line MOLT-4.



Immunocytochemistry/Immunofluorescence: RAP1GDS1 Antibody [NBP1-87027] - Staining of human cell line A-431 shows positivity in cytoplasm. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: RAP1GDS1 Antibody [NBP1-87027] - Staining of human cerebral cortex shows strong positivity in neurons.



## Publications

Kirsti Hornigold, Martin J. Baker, Polly A. Machin, Stephen A. Chetwynd, Anna-Karin Johnsson, Chiara Pantarelli, Priota Islam, Melanie Stammers, Laraine Crossland, David Oxley, Hanneke Okkenhaug, Simon Walker, Rachael Walker, Anne Segonds-Pichon, Yoshinori Fukui, Angeliki Malliri, Heidi C. E. Welch The Rac-GEF Tiam1 controls integrin-dependent neutrophil responses *Frontiers in Immunology* 2023-11-21 [PMID: 38077328]

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. *Nat Methods* 2013-04-01 [PMID: 23435261]



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### **Products Related to NBP1-87027**

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NBP1-87027PEP	RAP1GDS1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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