

Catalogue No. AB7223-200

Qty: 600 µg (3 mg/ml)

Rab27 Pan Polyclonal Antibody

Source: Goat

General description: Goat polyclonal antibody to mouse Rab27. Rab27 belongs to the small GTPase superfamily, Rab family. The protein is membrane-bound and involved in lysosome-related vesicle transport and small GTPase mediated signal transduction.

Alternative names: C25KG, GS2, GTP-binding protein Ram, rab-27, Rab27a, Rab27b, ras-related protein Rab-27A, ras-related protein Rab-27B, RAB27, RAM antibody.

Form: Polyclonal antibody supplied as a 200 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Purified recombinant peptides derived from within residues 120 aa to the C-terminus of mouse Rab27a and Rab27b produced in *E. coli*.

Specificity: Detects total Rab27 levels by Western blot in the following human, rat and mouse whole cell lysates and transfected cells with GFP-Rab27a and GFP-Rab27b cds.

Reactivity: Reacts against human, rat, mouse, canine and monkey proteins.

Sample	Western blot	Immuno-fluorescence	Histochemistry (paraffin)	Histochemistry (frozen)
human	+++	+++	+++	+++
rat	+++	+++	+++	+++
mouse	+++	+++	+++	+++
canine	+++	+++	+++	+++
monkey	+++	+++	+++	+++

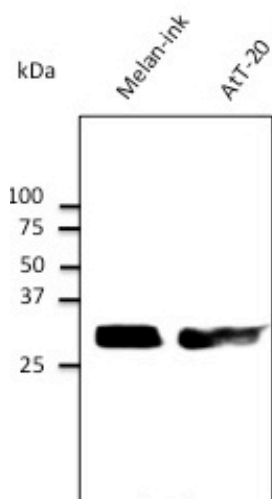
+++ excellent, ++ good, + poor, ND not determined

Usage: Western blot 1:500-1:2,000
 Immunofluorescence 1:50-1:250
 Immunohistochemistry (paraffin) 1:50-1:250
 Immunohistochemistry (frozen) 1:50-1:250

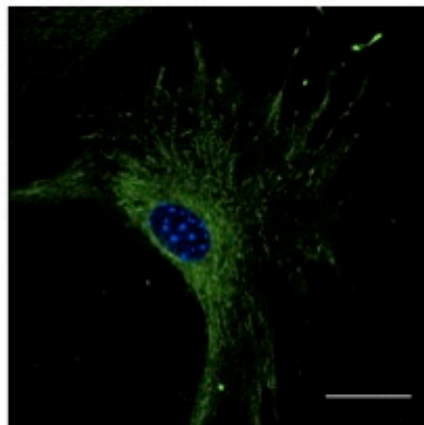
Storage: Store at -20 C for long-term storage. Store at 2-8 C for up to one month.

Special instructions: Avoid freeze/thaw cycles.

References:



Anti-Rab27 pan Ab (AB7223) at 1/500 dilution; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;



Immunostaining of B6-RPE07 cells with Rab27 antibody (1:50)



Immunostaining of primary RPE cells with Rab27 antibody (1:50)

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.