

Catalogue No. AB238239-200

Qty: 600 µg (3 mg/ml)

Rab4 Pan Polyclonal Antibody

Source: Goat

General description: RAB4 belongs to the large RAB family of low molecular weight GTPases that are involved in intracellular membrane trafficking. Rab4 is associated with early endosomes and is involved in their sorting and recycling. This protein also plays a role in regulating the recycling of receptors from endosomes to the plasma membrane.

Alternative names: HRES1, HRES-1, HRES-1/RAB4, HTLV-1 Related Endogenous Sequence, Rab4a and Rab4b 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 peptide derived from within residues 105 aa to the C-terminus of Rab4a produced in *E. coli*.

Specificity: In cell lysates and transfected cells detects Rab4 by Western blot.

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

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

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

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

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:



Product Data Sheet

001 Rev1 Jan 2012 by JR

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.