

## Product Information

**Size:**

50ul

**Reactivity:**

Human, Mouse, Rat

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:1000-1:5000,  
IHC:1:20-1:200

**Protein Background:**

The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different set of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. Together with SUFU, prevents nuclear import of GLI1, and thereby inhibits GLI1 transcription factor activity. Regulates GLI1 in differentiating chondrocytes. Likewise, regulates GLI3 proteolytic processing and modulates GLI2 and GLI3 transcription factor activity. Plays a role in autophagic vacuole assembly, and mediates defense against pathogens, such as S.aureus, by promoting their capture by autophagosomes that then merge with lysosomes.

**Gene ID:**

RAB23

**Uniprot**

Q9ULC3

**Synonyms:**

Ras-related protein Rab-23, RAB23

**Immunogen:**

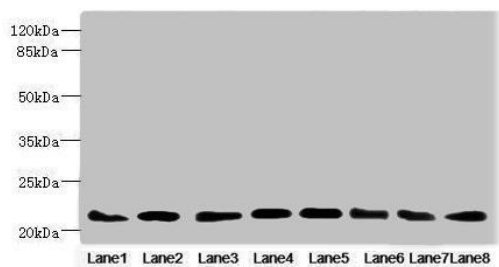
Recombinant Human Ras-related protein Rab-23 protein (1-237AA).

**Storage:**

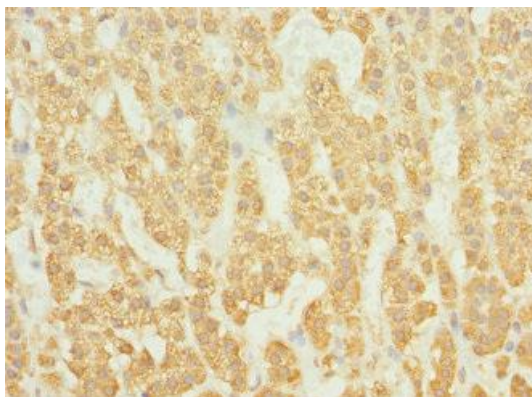
PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

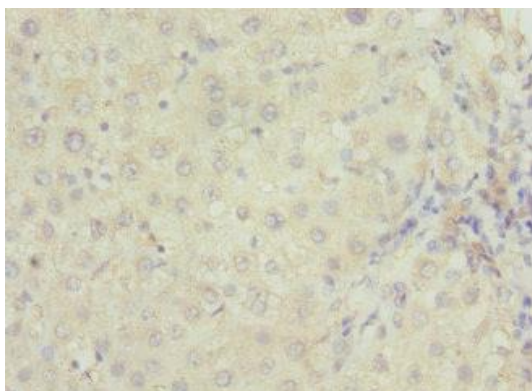
---



Western blot. All lanes: RAB23 antibody at 3.88 $\mu$ g/ml. Lane 1: Mouse ocular tissue. Lane 2: Rat brain tissue. Lane 3: Mouse kidney tissue. Lane 4: Mouse lung tissue. Lane 5: Mouse brain tissue. Lane 6: NIH/3T3 whole cell lysate. Lane 7: MCF-7 whole cell lysate. Lane 8: Hela whole cell lysate. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 27 kDa. Observed band size: 27 kDa.



Immunohistochemistry of paraffin-embedded human adrenal gland tissue using PACO44791 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human liver cancer using PACO44791 at dilution of 1:100.