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## Datasheet for ABIN7091627 **anti-RAB23 antibody**

### Overview

Quantity:	100 µL
Target:	RAB23
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RAB23 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

### Product Details

Immunogen:	Recombinant human RAB23 (Fragment) (His-tagged).
Clone:	G6S4
Isotype:	IgG1
Predicted Reactivity:	Human,Mouse

### Target Details

Target:	RAB23
Alternative Name:	RAB23 ( <a href="#">RAB23 Products</a> )
Background:	<p>Synonyms: DKFZp781H0695, HSPC137, MGC8900, Rab 23, RAB family small GTP binding protein RAB 23, RAB23, member RAS oncogene family, RAB23_HUMAN, Ras related protein Rab 23, Ras-related protein Rab-23.</p> <p>Background: The small GTPases Rab are key regulators of intracellular membrane trafficking,</p>

## Target Details

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: 51715

UniProt: [Q9ULC3](#)

Pathways: [Tube Formation](#)

## Application Details

Application Notes: WB 1:300-5000  
ELISA 1:500-1000  
IF()

Restrictions: For Research Use only

## Handling

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months