

## Product Datasheet

### AMPK beta 2/PRKAB2 Antibody (orb316602)

## Description

AMPK beta 2/PRKAB2 Antibody

### Species/Host

Rabbit

### Reactivity

Human, Mouse, Rat

### Conjugation

Unconjugated

### Tested

FC, ICC, IF, IHC, WB

### Applications

### Immunogen

A synthetic peptide corresponding to a sequence at the N-terminus of human AMPK beta 2 (56-89aa DKEFVSWQQDLEDSVKPTQQARPTVIRWSEGGKE), different from the related mouse sequence by three amino acids, and from the related rat sequence by two amino acids.

### Form/Appearance

Lyophilized

### Concentration

Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.

### Storage

Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.

### Note

For research use only

### Application notes

Tested Species: In-house tested species with positive results.  
By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections. Other applications have not been tested. Optimal dilutions should be determined by end users.  
. Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

### Isotype

Rabbit IgG

### Clonality

Polyclonal

### MW

30302 MW

### Uniprot ID

[O43741](#)

### Dilution Range

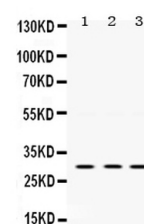
Western blot, 0.1-0.5µg/ml, Human, Rat  
Immunohistochemistry (Paraffin-embedded Section), 0.5-1µg/ml, Human, Mouse, Rat, By Heat  
Immunocytochemistry/Immunofluorescence, 2µg/ml, Human  
Flow Cytometry, 1-3µg/1x10<sup>6</sup> cells Human

### Expiration Date

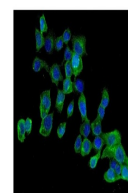
12 months from date of receipt.



Flow Cytometry analysis of A431 cells us...



WB analysis of AMPK beta 2 using anti-AM...



IF analysis of AMPK beta 2 using anti-AM...