# RBL2 polyclonal antibody

Catalog: BS60763 Host: Rabbit Reactivity: Human,Mouse,Rat

## BackGround:

The human retinoblastoma gene product Rb plays an important role in the negative regulation of cell proliferation. The Rb family includes p107 and p130, which form complexes with E2F proteins, and share a high degree of structural homology in the adenovirus E1A binding domain (i.e., "pocket region"), which plays a primary role in the function of these proteins. The Rb family members undergo cell cycle dependent phosphorylation during mid-G1 to S phase transition, which is dependent upon the activity of cyclin D/cdk4. In contrast to pRb and p107, p130 is also phosphorylated during G0 and the early G1 phase of the cell cycle. p130 is specifically phosphorylated on serine and threonine residues in cells arrested in G0 by serum deprivation or density arrest, and these residues are clustered within a short co-linear region unique to p130 defined as the Loop.

## Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

## Molecular Weight:

~ 128 kDa

## Swiss-Prot:

Q08999

## Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

## Applications:

WB: 1:500~1:1000

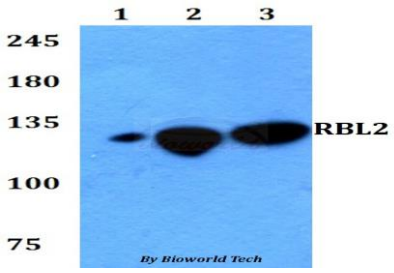
## Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

## Specificity:

RBL2 polyclonal antibody detects endogenous levels of RBL2 protein.

## DATA:




Western blot (WB) analysis of RBL2 polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:PC12 whole cell lysate

## Note:

For research use only, not for use in diagnostic procedure.

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