

## PIK3CA Polyclonal Antibody

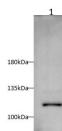
catalog number: D-AB-10260L

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

| Description  |  |
|--------------|--|
| Reactivity   | Human;Rat  |
| Immunogen    | Recombinant Human PIK3CA Protein expressed by E.coli                     |
| Host         | Rabbit   |
| Isotype      | IgG  |
| Purification | Antigen Affinity Purification  |
| Conjugation  | Unconjugated   |
| Buffer       | PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4 |

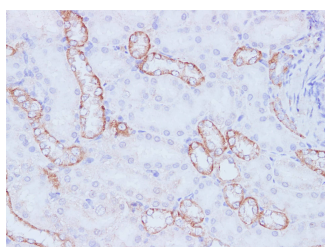
| Applications | Recommended Dilution |
|--------------|----------------------|
| WB           | 1:500-1:1000         |
| IHC          | 1:100-1:200          |

## Data

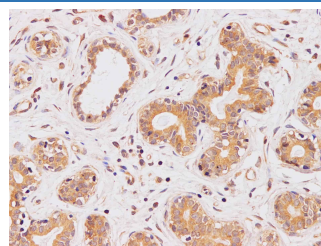


Western blot with PIK3CA Polyclonal antibody at dilution of 1:1000.lane 1:JurKat whole cell lysate

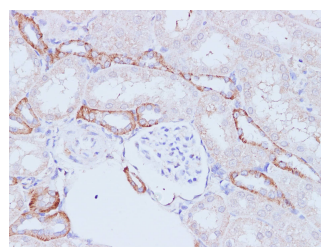
**Observed-MW:110 kDa**  
**Calculated-MW:124 kDa**



Immunohistochemistry of paraffin-embedded Rat kidney using PIK3CA Polyclonal Antibody at dilution of 1:100



Immunohistochemistry of paraffin-embedded Human breast using PIK3CA Polyclonal Antibody at dilution of 1:100



Immunohistochemistry of paraffin-embedded Rat kidney using PIK3CA Polyclonal Antibody at dilution of 1:100

## Preparation & Storage

|                 |  |
|-----------------|--|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.  |
| <b>Shipping</b> | The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended. |

## Background

Phosphatidylinositol 3-kinase is composed of an 85 kDa regulatory subunit and a 110 kDa catalytic subunit. The protein encoded by this gene represents the catalytic subunit,which uses ATP to phosphorylate PtdIns,PtdIns4P and PtdIns(4,5)P2. This gene has been found to be oncogenic and has been implicated in cervical cancers. A pseudogene of this gene has been defined on chromosome 22.

## For Research Use Only