

## IP6K2 Polyclonal Antibody

**Catalog No.** E-AB-18114

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

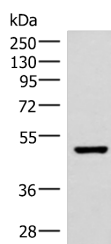
### Description

<b>Reactivity</b>	Human, Mouse, Rat
<b>Immunogen</b>	Synthetic peptide of human IP6K2
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen affinity purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4

### Applications Recommended Dilution

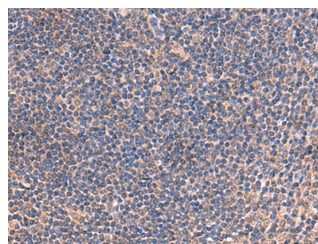
<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:30-1:150

### Data



Western blot analysis of Mouse brain tissue lysate using IP6K2 Polyclonal Antibody at dilution of 1:500

**Observed Mw: Refer to figures**  
**Calculated Mw: 49 kDa**



Immunohistochemistry of paraffin-embedded Human tonsil tissue using IP6K2 Polyclonal Antibody at dilution of 1:45 (×200)

### Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

### Background

This gene encodes a protein that belongs to the inositol phosphokinase (IPK) family. This protein is likely responsible for the conversion of inositol hexakisphosphate (InsP<sub>6</sub>) to diphosphoinositol pentakisphosphate (InsP<sub>7</sub>/PP-InsP<sub>5</sub>). It may also convert 1,3,4,5,6-pentakisphosphate (InsP<sub>5</sub>) to PP-InsP<sub>4</sub> and affect the growth suppressive and apoptotic activities of interferon-beta in some ovarian cancers. Alternative splicing results in multiple transcript variants encoding different isoforms.

### For Research Use Only