

Datasheet for ABIN5536448  
**anti-IP6K1 antibody (N-Term)**



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1 Image

## Overview

|                      |                                      |
|----------------------|--------------------------------------|
| Quantity:            | 400 µL                               |
| Target:              | IP6K1                                |
| Binding Specificity: | AA 86-115, N-Term                    |
| Reactivity:          | Human                                |
| Host:                | Rabbit                               |
| Clonality:           | Polyclonal                           |
| Conjugate:           | This IP6K1 antibody is un-conjugated |
| Application:         | Western Blotting (WB)                |

## Product Details

|               |                                                                                                                                                                       |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | This IP6K1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 86-115 amino acids from the N-terminal region of human IP6K1. |
| Isotype:      | Ig Fraction                                                                                                                                                           |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification.                                                                      |

## Target Details

|                   |                                                                                                                                                                                                                                                                                         |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | IP6K1                                                                                                                                                                                                                                                                                   |
| Alternative Name: | IP6K1 ( <a href="#">IP6K1 Products</a> )                                                                                                                                                                                                                                                |
| Background:       | IP6K1 is a protein that belongs to the inositol phosphokinase (IPK) family. This protein is likely responsible for the conversion of inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5). It may also convert 1,3,4,5,6-pentakisphosphate (InsP5) |

## Target Details

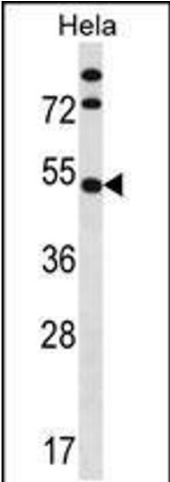
|                   |                                                                                                                                                |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | to PP-InsP4. Alternative splicing occurs for this gene, however, the full-length nature of all transcript variants has not yet been described. |
| Molecular Weight: | 50 kDa                                                                                                                                         |
| Gene ID:          | 9807                                                                                                                                           |
| UniProt:          | <a href="#">Q92551</a>                                                                                                                         |

## Application Details

|                    |                                     |
|--------------------|-------------------------------------|
| Application Notes: | For WB starting dilution is: 1:1000 |
| Restrictions:      | For Research Use only               |

## Handling

|                    |                                                                                                                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                                                                                                 |
| Concentration:     | 0.5 mg/mL                                                                                                                                                                                                              |
| Buffer:            | Supplied in PBS with 0.09 % (W/V) sodium azide.                                                                                                                                                                        |
| Preservative:      | Sodium azide                                                                                                                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                                                                                 |
| Storage:           | 4 °C,-20 °C                                                                                                                                                                                                            |
| Storage Comment:   | Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |



Western Blotting

**Image 1.** Western blot analysis in HeLa cell line lysates (35ug/lane).