

Datasheet for ABIN2786406

**anti-HIPK1 antibody (Middle Region)**[Go to Product page](#)**1** Image

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | HIPK1  |
| Binding Specificity: | Middle Region  |
| Reactivity:          | Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Rabbit |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This HIPK1 antibody is un-conjugated                   |
| Application:         | Western Blotting (WB)                                  |

## Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | The immunogen is a synthetic peptide directed towards the middle region of human HIPK1  |
| Sequence:             | PLNLSQNQQS SAAPTSQERS SNPAPRRQQA FVAPLSQAPY TFQHGSP LHS   |
| Predicted Reactivity: | Cow: 93%, Dog: 86%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 86%, Rabbit: 93%, Rat: 86%                                 |
| Characteristics:      | This is a rabbit polyclonal antibody against HIPK1. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification:         | Affinity Purified   |

## Target Details

|         |       |
|---------|-------|
| Target: | HIPK1 |
|---------|-------|



## Target Details

|                   |   |
|-------------------|---|
| Alternative Name: | HIPK1 ( <a href="#">HIPK1 Products</a> )  |
| Background:       | <p>HIPK1 may play a role as a corepressor for homeodomain transcription factors. HIPK1 phosphorylates DAXX in response to stress, and mediates its translocation from the nucleus to the cytoplasm. HIPK1 may be involved in malignant squamous cell tumor formation. The protein encoded by this gene belongs to the Ser/Thr family of protein kinases and HIPK subfamily. It phosphorylates homeodomain transcription factors and may also function as a co-repressor for homeodomain transcription factors. Alternative splicing results in four transcript variants encoding four distinct isoforms.</p> <p>Alias Symbols: KIAA0630, MGC26642, MGC33446, MGC33548, Myak, Nbak2</p> <p>Protein Interaction Partner: FHL3, HIPK1, DDX54, HAX1, NEB, A2M, PRPF40A, UBC, SKIL, PARK7, ATP13A2, RASSF5, SIAH1, UBE2I, GLUL, SNIP1, DAXX, NKX2-5, TP53, RUNX1, HOXD4,</p> <p>Protein Size: 1210</p> |
| Molecular Weight: | 131 kDa   |
| Gene ID:          | 204851  |
| NCBI Accession:   | <a href="#">NM_198268</a> , <a href="#">NP_938009</a>   |
| UniProt:          | <a href="#">Q86Z02</a>  |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment:           | Antigen size: 1210 AA  |
| Restrictions:      | For Research Use only  |

## Handling

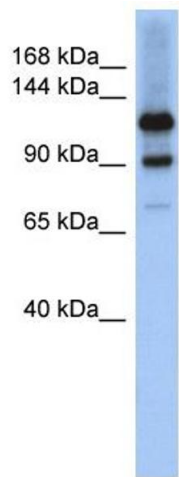
|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | Lot specific   |
| Buffer:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.                    |
| Preservative:      | Sodium azide   |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice:   | Avoid repeated freeze-thaw cycles.   |



Handling

|                  |   |
|------------------|---|
| Storage:         | -20 °C  |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |

Images



Western Blotting

**Image 1. WB Suggested Anti-HIPK1 Antibody Titration:**

0.2-1 ug/ml

**ELISA Titer:** 1:1562500

**Positive Control:** 721\_B cell lysate