



[Go to Product page](#)

Datasheet for ABIN392577

## anti-PIK3R4 antibody (N-Term)

### 2 Images

#### Overview

Quantity:	400 µL
Target:	PIK3R4
Binding Specificity:	AA 53-83, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIK3R4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

#### Product Details

Immunogen:	This PI3KR4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 53-83 amino acids from the N-terminal region of human PI3KR4.
Clone:	RB1721
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

#### Target Details

Target:	PIK3R4
Alternative Name:	PI3KR4 ( <a href="#">PIK3R4 Products</a> )

## Target Details

---

**Background:** Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the  $\gamma$  phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains.

---

**Molecular Weight:** 153103

---

**Gene ID:** 30849

---

**NCBI Accession:** [NP\\_055417](#)

---

**UniProt:** [Q99570](#)

## Application Details

---

**Application Notes:** WB: 1:1000. IHC-P: 1:50~100

---

**Restrictions:** For Research Use only

## Handling

---

**Format:** Liquid

---

**Buffer:** Purified polyclonal antibody 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.

---

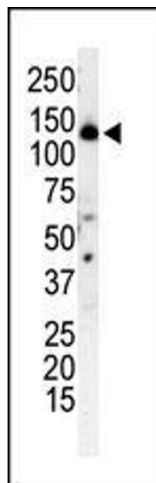
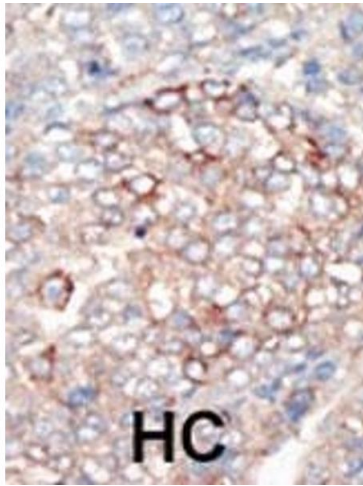
**Storage:** 4 °C,-20 °C

---

**Storage Comment:** Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

---

**Expiry Date:** 6 months



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

### Western Blotting

**Image 2.** Western blot analysis of anti-PI3KR4 Pab (ABIN392577 and ABIN2842113) in T-47D cell lysate. PI3KR4 (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.