

Datasheet for ABIN952910
anti-IP6K1 antibody (N-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	0.4 mL
Target:	IP6K1
Binding Specificity:	AA 85-115, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IP6K1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 85-115 amino acids from the N-terminal region of Human InsP6 kinase 1 / IP6K1
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human InsP6 kinase 1 / IP6K1 (N-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	IP6K1
Alternative Name:	InsP6 Kinase 1 / IP6K1 (IP6K1 Products)
Background:	IP6K1 is a protein that belongs to the inositol phosphokinase (IPK) family. This protein is likely

Target Details

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) to PP-InsP4. Alternative splicing occurs for this gene, however, the full-length nature of all transcript variants has not yet been described.Synonyms: IHPK1, Inositol hexakisphosphate kinase 1, Inositol hexaphosphate kinase 1, KIAA0263

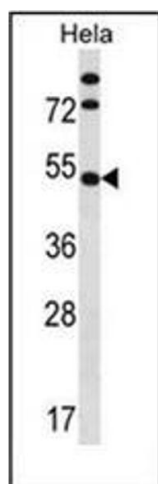
Molecular Weight:	50236 Da
Gene ID:	9807
NCBI Accession:	NP_001006115

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
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 freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of IP6K1 Antibody (N-term) in HeLa cell line lysates (35ug/lane). This demonstrates the IP6K1 antibody detected the IP6K1 protein (arrow).