



[Go to Product page](#)

Datasheet for ABIN6743768  
**anti-GUK1 antibody (AA 71-120)**

1 Image

Overview

Quantity:	100 µL
Target:	GUK1
Binding Specificity:	AA 71-120
Reactivity:	Human, Mouse, Rat, Pig, Horse, Zebrafish (Danio rerio), Cow, Dog, Guinea Pig, Rabbit, Monkey, Bat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa71-120 of human GUK1 (Q16774, NP_000849). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Elephant, Panda, Dog, Bovine, Bat, Rabbit, Horse, Pig, Guinea pig (100%), Opossum, Turkey, Chicken (92%), Platypus, Zebrafish, Drosophila (85%), Xenopus (84%).  Type of Immunogen: Synthetic peptide
Specificity:	Human GUK1
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Dog, Bovine, Rabbit, Horse, Guinea pig (100%) Chicken (92%) Zebrafish (85%) Xenopus (84%).
Purification:	Immunoaffinity purified

## Target Details

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Target:	GUK1
Alternative Name:	GUK1 / Guanylate Kinase 1 ( <a href="#">GUK1 Products</a> )
Background:	Name/Gene ID: GUK1 Family: Non-protein Kinase  Synonyms: GUK1, ATP:GMP phosphotransferase, GMK, GMP kinase, Guanylate kinase 1, Guanylate kinase
Gene ID:	2987
NCBI Accession:	<a href="#">NP_000849</a>
UniProt:	<a href="#">Q16774</a>
Pathways:	<a href="#">Nucleotide Phosphorylation</a> , <a href="#">ER-Nucleus Signaling</a> , <a href="#">Ribonucleoside Biosynthetic Process</a>

## Application Details

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Application Notes:	Approved: WB (0.2 - 1 µg/mL)  Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Reconstitution:	Reconstitute with 50 µL sterile ddH <sub>2</sub> O.
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.



**Image 1.**