



# Magic™ Anti-SIK3 (C-terminal) polyclonal antibody (DPAB-DC1089)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	SIK3 (SIK family kinase 3) is a protein-coding gene. Diseases associated with SIK3 include hypertrophic pyloric stenosis, and pyloric stenosis. GO annotations related to this gene include protein serine/threonine kinase activity and magnesium ion binding. An important paralog of this gene is NUAK1.
<b>Specificity</b>	At least three isoforms of SIK3 are known to exist; this antibody will detect two isoforms. SIK3 antibody is predicted to not cross-react with SIK1 and SIK2.
<b>Immunogen</b>	A synthetic peptide corresponding to 18 amino acids at C-terminus of human SIK3.
<b>Isotype</b>	IgY
<b>Source/Host</b>	Chicken
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Purification</b>	Peptide affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Tissue lysate), IF, ELISA,
<b>Format</b>	Liquid
<b>Concentration</b>	1 mg/mL
<b>Size</b>	100 µg
<b>Buffer</b>	In PBS (0.02% sodium azide)
<b>Preservative</b>	0.02% Sodium Azide

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<b>Storage</b>	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
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## GENE INFORMATION

<b>Gene Name</b>	<a href="#">SIK3 SIK family kinase 3 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	SIK3
<b>Synonyms</b>	SIK3; SIK family kinase 3; L19; QSK; SIK-3; serine/threonine-protein kinase SIK3; salt-inducible kinase 3; serine/threonine-protein kinase QSK;
<b>Entrez Gene ID</b>	<a href="#">23387</a>
<b>Protein Refseq</b>	<a href="#">NP_001268677</a>
<b>UniProt ID</b>	<a href="#">A1A5A9</a>
<b>Chromosome Location</b>	11q23.3
<b>Pathway</b>	LKB1 signaling events;
<b>Function</b>	ATP binding; magnesium ion binding; protein binding; protein serine/threonine kinase activity

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