



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

Antigen Description	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 NUA1.
Specificity	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.
Immunogen	A synthetic peptide corresponding to 18 amino acids at C-terminus of human SIK3.
Isotype	IgY
Source/Host	Chicken
Species Reactivity	Human, Mouse, Rat
Purification	Peptide affinity purification
Conjugate	Unconjugated
Applications	WB (Tissue lysate), IF, ELISA,
Format	Liquid
Concentration	1 mg/mL
Size	100 µg
Buffer	In PBS (0.02% sodium azide)
Preservative	0.02% Sodium Azide

Storage	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

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