

## Product datasheet for **TA320117**

### **Snf1lk (SIK1) Rabbit Polyclonal Antibody**

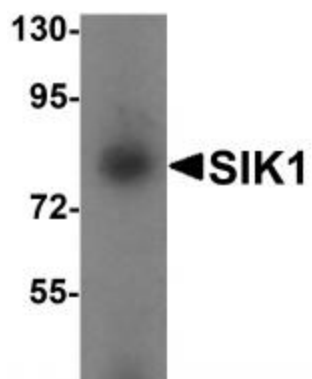
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IHC, WB
<b>Recommended Dilution:</b>	WB: 1 ug/mL, ICC: 5 ug/mL
<b>Reactivity:</b>	Human
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	SIK1 antibody was raised against an 18 amino acid synthetic peptide near the center of human SIK1.
<b>Formulation:</b>	SIK1 Antibody is supplied in PBS containing 0.02% sodium azide.
<b>Concentration:</b>	1 mg/ml
<b>Purification:</b>	SIK1 Antibody is affinity chromatography purified via peptide column.
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Gene Name:</b>	salt inducible kinase 1
<b>Database Link:</b>	<a href="#">NP_775490</a> <a href="#">Entrez Gene 150094 Human</a> <a href="#">P57059</a>
<b>Background:</b>	SIK1 Antibody: Salt-inducible kinase 1 (SIK1), also known as SNF1LK or MSK, plays a role in histone modification and G2/M cell cycle regulation. It is a 783 amino acid protein that contains one UBA domain and belongs to the Ser/Thr protein kinase family (AMPK subfamily). Localized to both the nucleus and the cytoplasm, SIK1 is a class II HDAC kinase that uses magnesium as a cofactor to catalyze the ATP-dependent phosphorylation of target proteins and is thought to be important for the early stages of skeletal muscle growth and myocardial cell differentiation.
<b>Synonyms:</b>	MSK; SIK; SNF1LK
<b>Protein Families:</b>	Druggable Genome, Protein Kinase

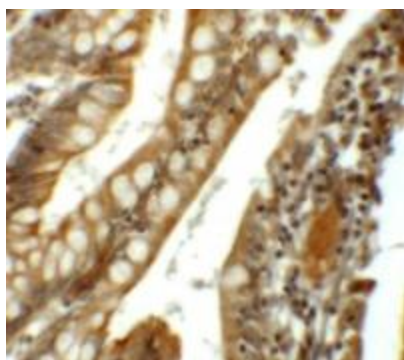


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## Product images:



Western blot analysis of SIK1 in human small intestine tissue lysate with SIK1 antibody at 1 ug/mL.



Immunohistochemistry of SIK1 in human small intestine tissue with SIK1 antibody at 5 ug/mL.