

GCK

Reactivity: Human Mouse

Tested applications: WB IHC IF

Recommended Dilution: WB 1:200 - 1:500 IHC 1:50 - 1:100 IF 1:20 - 1:50

Calculated MW: 52kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human GCK

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

GCK;GK;GLK;HHF3;HK4;HKIV;HXKP;MODY2 ;

Catalog #: A0430

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 2645

Isotype: IgG

Swiss Prot: P35557

Purity: Affinity purification

For research use only.

Background:

Germinal center kinase (GCK) is the founding member of the GCK family, a group of serine/threonine kinases homologous to the yeast Ste20 kinase. GCK is activated by TNF and associated with TRAF2 (TNF receptor-associated factor 2) and MEKK1, thereby activating the SAPK/JNK pathway (1,2). GCK does not significantly phosphorylate MEKK1, instead it enhances MEKK1 oligomerization and autophosphorylation (3). GCK binds and activates MLK3, indicating that GCK may have other effectors (3).

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