



## Rabbit Anti-CGK2 antibody

SL13880R

<b>Product Name:</b>	CGK2
<b>Chinese Name:</b>	cGMP依赖性蛋白激酶2抗体
<b>Alias:</b>	CGK 2; cGK2; cGKII; cGMP dependent protein kinase 2; cGMP-dependent protein kinase 2; cGMP-dependent protein kinase II; KGP2_HUMAN; PRKG 2; PRKG2; PRKGR2; Protein kinase, cGMP dependent, type II; Type II cGMP dependent protein kinase.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,Sheep,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	87kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human CGK2:301-200/762
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	This gene encodes a protein that belongs to the serine/threonine protein kinase family of proteins. The encoded protein plays a role in the regulation of fluid balance in the intestine. A similar protein in mouse is thought to regulate differentiation and proliferation of cells in the colon. Alternate splicing results in multiple transcript

variants. [provided by RefSeq, Sep 2013]

**Tissue Specificity:**

Highly concentrated in brain, lung and intestinal mucosa.

**Similarity:**

Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. cGMP subfamily.

Contains 1 AGC-kinase C-terminal domain.

Contains 2 cyclic nucleotide-binding domains.

Contains 1 protein kinase domain.

**SWISS:**

Q13237

**Gene ID:**

5593

**Database links:**

[Entrez Gene: 5593](#) Human

[Entrez Gene: 19092](#) Mouse

[Entrez Gene: 25523](#) Rat

[Omid: 601591](#) Human

[SwissProt: Q13237](#) Human

[SwissProt: Q61410](#) Mouse

[SwissProt: Q64595](#) Rat

[Unigene: 570833](#) Human

[Unigene: 263002](#) Mouse

[Unigene: 87721](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.