

CGK 2 Antibody

Catalog No: #33867

Package Size: #33867-1 50ul #33867-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

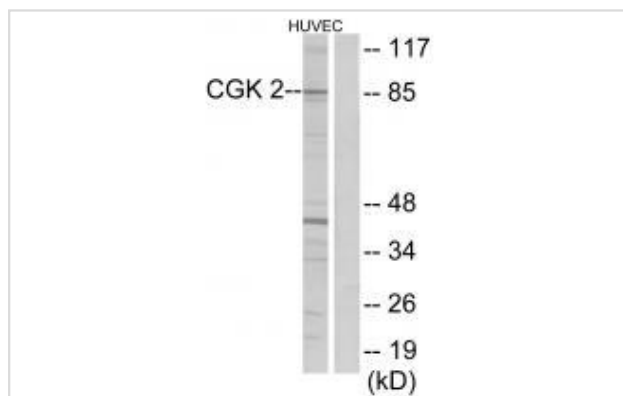
Description

Product Name	CGK 2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total CGK 2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human CGK 2.
Target Name	CGK 2
Other Names	cGMP-dependent protein kinase 2; EC 2.7.11.12; CGK 2; Cgkii; Type II cGMP-dependent protein kinase
Accession No.	Swiss-Prot: Q13237NCBI Gene ID: 5593
Uniprot	Q13237
GeneID	5593;
SDS-PAGE MW	87kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from HUVEC cells, using CGK 2 antibody #33867.

Background

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.

Orstavik S., Biochem. Biophys. Res. Commun. 220:759-765(1996).

Fujii M., FEBS Lett. 375:263-267(1995).

Witczak O., Biochem. Biophys. Res. Commun. 245:113-119(1998).

Note: This product is for in vitro research use only