

PKG2 (Ab-126) Conjugated Antibody

Catalog No: #C33249



Package Size: #C33249-AF350 100ul #C33249-AF405 100ul #C33249-AF488 100ul
 #C33249-AF555 100ul #C33249-AF594 100ul #C33249-AF647 100ul
 #C33249-AF680 100ul #C33249-AF750 100ul #C33249-Biotin 100ul

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Description

Product Name	PKG2 (Ab-126) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PKG2 protein.
Immunogen Description	Synthesized non-phosphopeptide derived from human PKG2 around the phosphorylation site of serine 126 (G-V-S(p)-A-E).
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CGK 2;cGKII;cGMP-dependent protein kinase 2;EC 2.7.11.12;KGP2
Accession No.	Swiss-Prot#:Q13237NCBI Gene ID:5593
Uniprot	Q13237
GeneID	5593;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	87
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250
 AF405 conjugated: most applications: 1: 50 - 1: 250
 AF488 conjugated: most applications: 1: 50 - 1: 250
 AF555 conjugated: most applications: 1: 50 - 1: 250
 AF594 conjugated: most applications: 1: 50 - 1: 250
 AF647 conjugated: most applications: 1: 50 - 1: 250
 AF680 conjugated: most applications: 1: 50 - 1: 250
 AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Product Description

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

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.

Note: This product is for in vitro research use only