

# Product datasheet for TA380381

## CGK2 (PRKG2) Rabbit Polyclonal Antibody

### **Product data:**

#### OriGene Technologies, Inc.

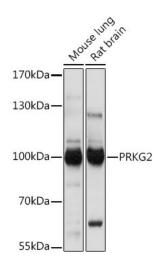
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Product Type:	Primary Antibodies
Applications:	ICC/IF, IP, WB
Recommended Dilution:	WB,1:500 - 1:2000 IF,1:50 - 1:200 IP,1:50 - 1:200
Reactivity:	Mouse, Rat
Host:	Rabbit
lsotype:	lgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human PRKG2.
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	84kDa/87kDa
Gene Name:	protein kinase, cGMP-dependent, type II
Database Link:	<u>Q13237</u>
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.
Synonyms:	cGKII; OTTHUMP00000160807; PRKGR2

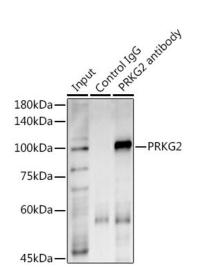


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#### **Product images:**



Western blot analysis of extracts of various cell lines, using PRKG2 Rabbit pAb (TA380381) at 1:1000 dilution. |Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. |Lysates/proteins: 25ug per lane. |Blocking buffer: 3% nonfat dry milk in TBST. |Detection: ECL Basic Kit . |Exposure time: 1s.



Immunoprecipitation analysis of 600ug extracts of Mouse lung using 3ug PRKG2 antibody (TA380381). Western blot was performed from the immunoprecipitate using PRKG2 antibody (TA380381) at a dilition of 1:1000.

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