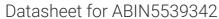
# antibodies - online.com







# anti-GAK antibody (C-Term)



**Images** 



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0.1011		
Quantity:	400 μL	
Target:	GAK	
Binding Specificity:	AA 1140-1170, C-Term	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This GAK antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
Product Details		
Immunogen:	This GAK antibody is generated from rabbits immunized with a KLH conjugated synthetic	
	peptide between 1140-1170 amino acids from the C-terminal region of human GAK.	
Isotype:	Ig Fraction	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	
Target Details		
Target:	GAK	
Alternative Name:	GAK (GAK Products)	
Background:	GAK, a member of the Ser/Thr protein kinase family, associates with cyclin G and CDK5. It	
	appears to act as an auxilin homolog that is involved in the uncoating of clathrin-coated	
	vesicles by Hsc70 in non-neuronal cells. Expression oscillates slightly during the cell cycle,	

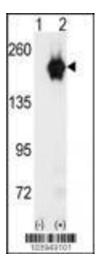
## **Target Details**

	peaking at G1. GAK localizes to the perinuclear area and to the trans-Golgi network. It is also	
	observed on the plasma membrane, probably at focals adhesions. Expression is ubiquitous,	
	wiht highest levels in testis. The protein contains 1 J domain and 1 tensin domain.	
Molecular Weight:	143 kDa	
Gene ID:	2580	
JniProt:	014976	
Application Details		

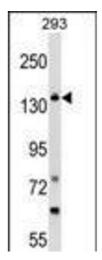
Application Notes:	For WB starting dilution is: 1:1000
	For IHC-P starting dilution is: 1:50~100
Restrictions:	For Research Use only

# Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



# HC



## **Western Blotting**

**Image 1.** Western blot analysis of GAK using GAK Antibody using 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the GAK gene (Lane 2).

## **Immunohistochemistry**

**Image 2.** Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. BC = breast carcinoma; HC = hepatocarcinoma.

## **Western Blotting**

**Image 3.** Western blot analysis in 293 cell line lysates (35ug/lane).