

Datasheet for ABIN3030600
anti-GAK antibody (AA 15-45)[Go to Product page](#)

3 Images

Overview

Quantity:	0.4 mL
Target:	GAK
Binding Specificity:	AA 15-45
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GAK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A portion of amino acids 15-45 from the human protein was used as the immunogen for this GAK antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Rat
Purification:	Purified

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

Target Details

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, 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 focal adhesions. Expression is ubiquitous, with highest levels in testis. The protein contains 1 J domain and 1 tensin domain.

UniProt: [Q6P490](#)

Application Details

Application Notes: Titration of the GAK antibody may be required due to differences in protocols and secondary/substrate sensitivity. IHC (Paraffin): 1:50-1:100, Western blot: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In 1X PBS pH 7.4 with 0.09 % 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.

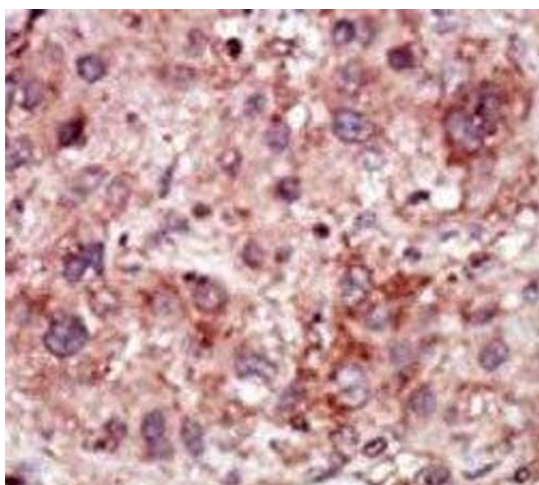
Storage: -20 °C

Storage Comment: Aliquot the GAK antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



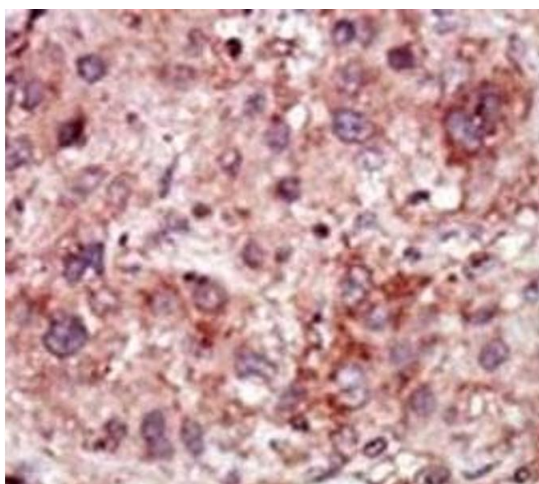
Western Blotting

Image 1. Western blot analysis of GAK antibody and mouse heart tissue lysate



Immunohistochemistry

Image 2. IHC analysis of FFPE human hepatocarcinoma stained with the GAK antibody



Immunohistochemistry

Image 3. IHC analysis of FFPE human hepatocarcinoma stained with the GAK antibody