

Datasheet for ABIN6261870
anti-GAK antibody (N-Term)

3 Images

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Overview

Quantity:	100 µL
Target:	GAK
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GAK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human GAK, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	GAK Antibody detects endogenous levels of total GAK.
Predicted Reactivity:	Bovine,Horse,Sheep,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	GAK
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Target Details

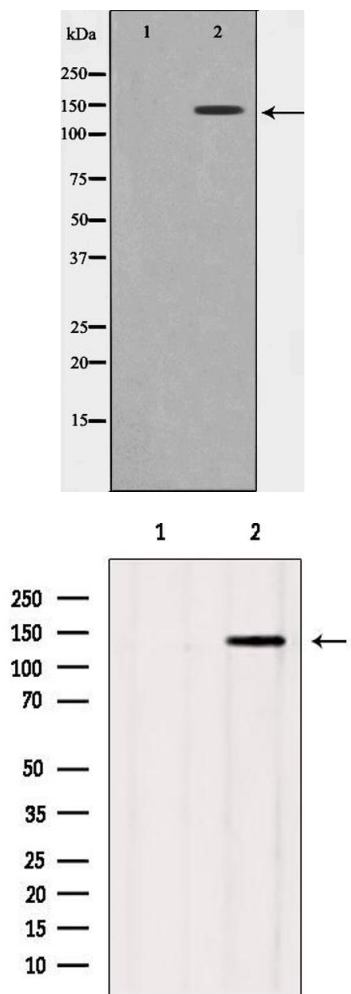
Alternative Name:	GAK (GAK Products)
Background:	Description: Associates with cyclin G and CDK5. Seems to act as an auxilin homolog that is involved in the uncoating of clathrin-coated vesicles by Hsc70 in non-neuronal cells. Expression oscillates slightly during the cell cycle, peaking at G1. Gene: GAK
Molecular Weight:	144kDa
Gene ID:	2580
UniProt:	O14976

Application Details

Application Notes:	WB: 1:500-1:3000, IF/ICC 1:100-1:500, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months

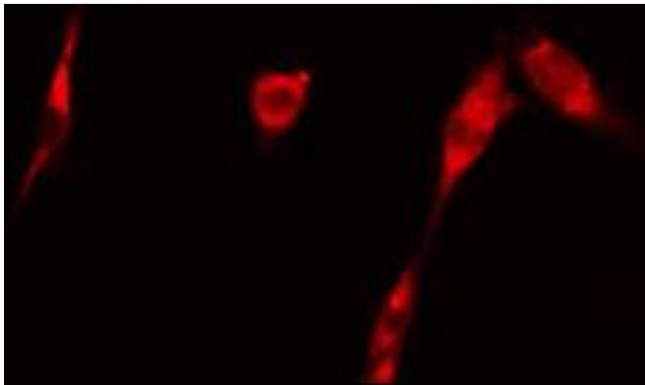


Western Blotting

Image 1. Western blot analysis on 293 cell lysate using GAK Antibody. The lane on the left is treated with the antigen-specific peptide.

Western Blotting

Image 2. Western blot analysis of extracts from mouse brain, using GAK Antibody. Lane 1 was treated with the blocking peptide.



Immunofluorescence (fixed cells)

Image 3. ABIN6266696 staining 293 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody (Cat.# S0006), diluted at 1/600, was used as secondary antibody.