
anti-GAK

Cat #: HM1160
Rabbit polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

Cyclins are the regulatory subunits of Cdc2 p34 and related cyclin dependent kinases (Cdks) which play critical roles in the control of cell cycle progression. In mammalian cells, 9 cyclin species have been identified, and they are referred to as cyclins A through I. A serine/threonine kinase GAK (cyclin G associated kinase) has been shown to bind directly to cyclin G and to co-immunoprecipitate with Cdk5.

SPECIFICITY

This antibody specifically recognizes GAK of human, mouse and rat origin.

The antibody can be used in Western blotting, immunoprecipitation and immunostaining.

IMMUNOGEN

A recombinant protein corresponding to the kinase domain of human GAK.

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

REFERENCE

1. Kanaoka Y, Kimura SH, Okazaki I, Ikeda M, Nojima H. 1997. GAK: a cyclin G associated kinase contains a tensin/auxilin-like domain. FEBS Lett. 402:73-80.
2. Kimura,S.H., Tsuruga,H., Yabuta,N., Endo,Y. and Nojima,H. 1997. Structure, expression, and chromosomal localization of human GAK. Genomics 44, 179-187.
3. Korolchuk VI, Banting G. 2002. CK2 and GAK/auxilin2 are major protein kinases in clathrin-coated vesicles. Traffic. 3:428-39.

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CONTACT

Hypromatrix, Inc.
100 Barber Avenue
Worcester, MA 01606
USA

Tel: 508-856-7900

Fax: 508-302-0748

Email: contact@hypromatrix.com

Web: www.hypromatrix.com