


Product datasheet

Anti-GAK antibody ab186120

1 Image

Overview

Product name	Anti-GAK antibody
Description	Rabbit polyclonal to GAK
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: IP
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Horse, Cat, Dog, Pig, Chimpanzee, Ferret, Gorilla, Chinese hamster, Orangutan 
Immunogen	Synthetic peptide within Human GAK aa 675-725. The exact sequence is proprietary. Database link: 014976
Positive control	HeLa, 293T, Jurkat, TCMK-1, and NIH3T3 whole cell lysates.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.09% Sodium azide Constituent: 99% Tris citrate/phosphate pH 7 to 8
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab186120** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
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WB 1/2000 - 1/10000. Predicted molecular weight: 143 kDa.

Application notes Is unsuitable for IP.

Target

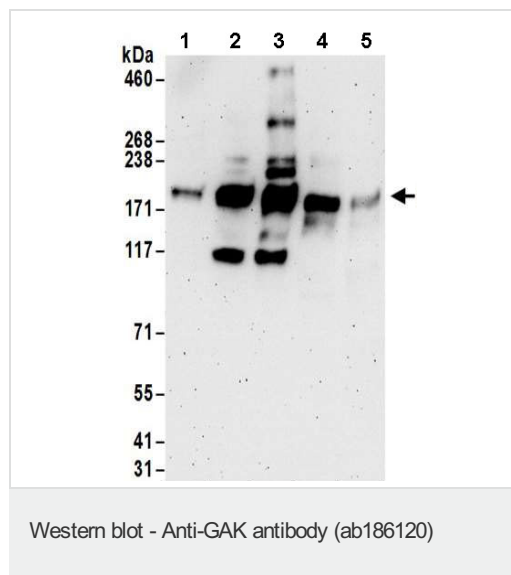
Function Associates with cyclin G and CDK5. Seems to act as an auxilin homolog that is involved in the uncoating of clathrin-coated vesicles by Hsc70 in non-neuronal cells. Expression oscillates slightly during the cell cycle, peaking at G1.

Tissue specificity Ubiquitous. Highest in testis.

Sequence similarities Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. Contains 1 C2 tensin-type domain. Contains 1 J domain. Contains 1 phosphatase tensin-type domain. Contains 1 protein kinase domain.

Cellular localization Cytoplasm > perinuclear region. Golgi apparatus > trans-Golgi network. Cell junction > focal adhesion. Localizes to the perinuclear area and to the trans-Golgi network. Also seen on the plasma membrane, probably at focal adhesions.

Images



All lanes : Anti-GAK antibody (ab186120) at 0.1 µg/ml

Lane 1 : HeLa whole cell lysate

Lane 2 : 293T whole cell lysate

Lane 3 : Jurkat whole cell lysate

Lane 4 : TCMK-1 whole cell lysate

Lane 5 : NIH3T3 whole cell lysate

Lysates/proteins at 50 µg per lane.

Developed using the ECL technique.

Predicted band size: 143 kDa

Exposure time: 3 minutes

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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