


Anti-GAK antibody ab186120

[1 References](#) [2 Images](#)

Overview

Product name	Anti-GAK antibody
Description	Rabbit polyclonal to GAK
Host species	Rabbit
Tested applications	Suitable for: WB
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 650-750. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements. Database link: O14976
Positive control	WB: GaMG, HeLa, HEK293T, Jurkat, RKO, CT26, CH27, and TCMK-1 Whole cell lysates
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

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	pH: 7 Preservative: 0.09% Sodium azide Constituent: 99% Tris citrate/phosphate pH 7 to 8

Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

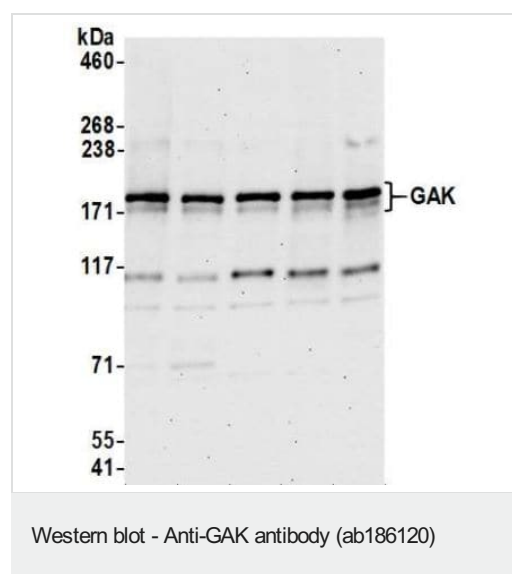
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab186120 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

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



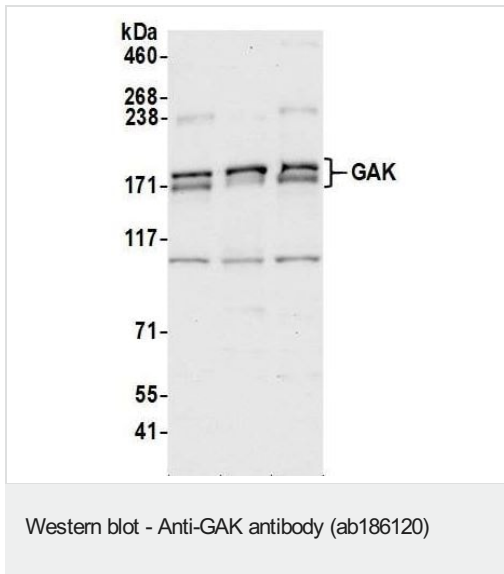
All lanes : Anti-GAK antibody (ab186120) at 1/1000 dilution

- Lane 1 :** GaMG Whole cell lysate
- Lane 2 :** HeLa Whole cell lysate
- Lane 3 :** HEK293T Whole cell lysate
- Lane 4 :** Jurkat Whole cell lysate
- Lane 5 :** RKO Whole cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 143 kDa

Detection: Chemiluminescence with an exposure time of 30 seconds.



All lanes : Anti-GAK antibody (ab186120) at 1/1000 dilution

Lane 1 : CT26 Whole cell lysate

Lane 2 : CH27 Whole cell lysate

Lane 3 : TCMK-1 Whole cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 143 kDa

Detection: Chemiluminescence with an exposure time of 10 seconds.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors