

Product datasheet

Anti-GAS-7 antibody [EPR11129(B)] ab168370

Recombinant RabMAb

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Overview

Product name	Anti-GAS-7 antibody [EPR11129(B)]
Description	Rabbit monoclonal [EPR11129(B)] to GAS-7
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF Unsuitable for: IP
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide corresponding to Human GAS-7 aa 450-550. Database link: O60861
Positive control	Human fetal brain, Human cerebellum, Mouse and Rat brain lysates; Human brain tissue; U87-MG cells.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

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: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Protein A purified
Clonality	Monoclonal

Clone number EPR11129(B)
Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab168370 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		1/1000 - 1/10000. Detects a band of approximately 39-54 kDa (predicted molecular weight: 54 kDa).
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
ICC/IF		1/50 - 1/100.

Application notes Is unsuitable for IP.

Target

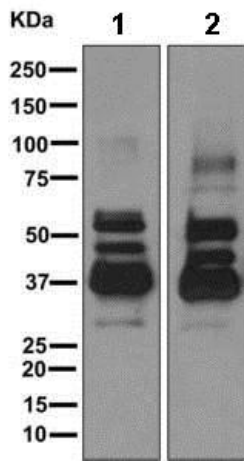
Function May play a role in promoting maturation and morphological differentiation of cerebellar neurons.

Involvement in disease Note=A chromosomal aberration involving GAS7 is found in acute myeloid leukemia.
Translocation t(11;17)(q23;p13) with MLL/HRX.

Sequence similarities Contains 1 FCH domain.
Contains 1 SH3 domain.
Contains 1 WW domain.

Cellular localization Cytoplasm.

Images



Western blot - Anti-GAS-7 antibody [EPR11129(B)] (ab168370)

All lanes : Anti-GAS-7 antibody [EPR11129(B)] (ab168370) at 1/1000 dilution

Lane 1 : mouse brain tissue lysate

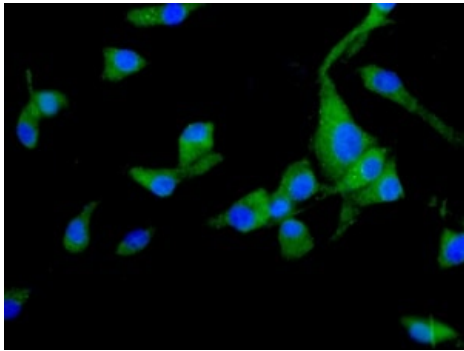
Lane 2 : rat brain tissue lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-rabbit HRP conjugated at 1/2000 dilution

Predicted band size: 54 kDa



Immunocytochemistry/ Immunofluorescence - Anti-GAS-7 antibody [EPR11129(B)] (ab168370)

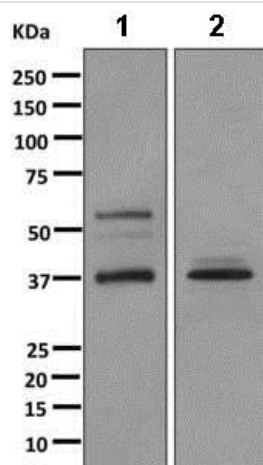
Immunofluorescent analysis of U87-MG cells cells labeling GAS-7 with ab168370 at 1/50 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GAS-7 antibody [EPR11129(B)] (ab168370)

Immunohistochemical analysis of paraffin-embedded Human brain tissue labeling GAS-7 with ab168370 at 1/100 dilution.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Western blot - Anti-GAS-7 antibody [EPR11129(B)] (ab168370)

All lanes : Anti-GAS-7 antibody [EPR11129(B)] (ab168370) at 1/1000 dilution

Lane 1 : fetal brain lysate

Lane 2 : Human cerebellum lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-rabbit HRP at 1/2000 dilution

Predicted band size: 54 kDa

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-GAS-7 antibody [EPR11129(B)] (ab168370)

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

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