abcam

Product datasheet

Anti-Glucose Transporter GLUT3 antibody ab234756

1 Abreviews   2 Images

Overview

Product name	Anti-Glucose Transporter GLUT3 antibody
Description	Rabbit polyclonal to Glucose Transporter GLUT3
Host species	Rabbit
Tested applications	**Suitable for:** IHC-P, ICC/IF
Species reactivity	**Reacts with:** Human
Immunogen	Recombinant fragment corresponding to Human Glucose Transporter GLUT3 aa 200-300. Database link: **P11169**

Run BLAST with   **Run BLAST with**

Positive control	IHC-P: Human spleen tissue. ICC/IF: HepG2 cells.
General notes	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.

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 |

Properties

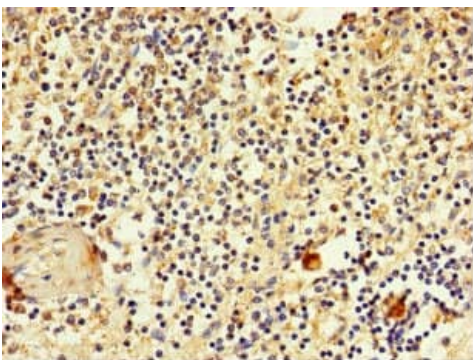|	
Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.03% Proclin 300 Constituents: PBS, 50% Glycerol (glycerin, glycerine)
Purity	Protein G purified
Purification notes	>95%.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee   Our **Abpromise guarantee** covers the use of ab234756 in the following tested applications.

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

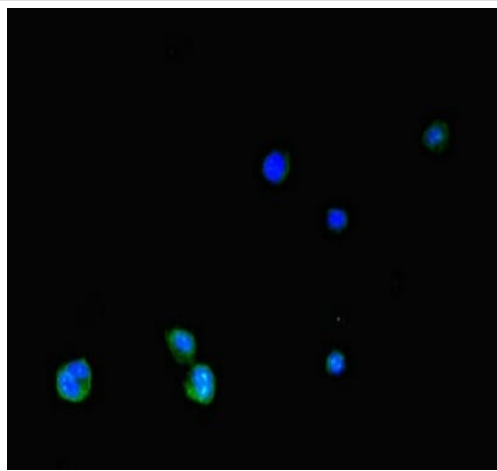| Application	Abreviews	Notes
IHC-P		1/20 - 1/200.
ICC/IF		1/50 - 1/200.

Target

Function	Facilitative glucose transporter. Probably a neuronal glucose transporter.
Tissue specificity	Highly expressed in brain. Expressed in many tissues.
Sequence similarities	Belongs to the major facilitator superfamily. Sugar transporter (TC 2.A.1.1) family. Glucose transporter subfamily.
Cellular localization	Membrane.

Images

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Glucose Transporter GLUT3 antibody (ab234756)

Paraffin-embedded human spleen tissue stained for Glucose Transporter GLUT3 using ab234756 at 1/100 dilution in immunohistochemical analysis.

HepG2 (human liver hepatocellular carcinoma cell line) cells labeling Glucose Transporter GLUT3 (green) using ab234756 at 1/100 dilution in ICC/IF. Secondary antibody was Alexa Fluor® 488-conjugated goat anti-rabbit IgG (H+L).

Immunocytochemistry/ Immunofluorescence - Anti-Glucose Transporter GLUT3 antibody (ab234756)

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

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- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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