


Product datasheet

Anti-GALR2 antibody ab188753

1 Image

Overview

Product name	Anti-GALR2 antibody
Description	Rabbit polyclonal to GALR2
Host species	Rabbit
Specificity	BLAST analysis of the peptide immunogen showed no homology with other Human proteins.
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Horse, Hamster, Cow, Dog, Monkey, Gorilla 
Immunogen	Synthetic peptide corresponding to Human GALR2. 18 amino acid peptide from the 7th transmembrane domain. (NP_003848.1) Database link: O43603
Positive control	Human brain, neurons and glia.
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>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, as well as customer reviews and Q&As.</p>

Properties

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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: 0.1% Sodium azide Constituent: 99% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab188753** in the following tested applications.

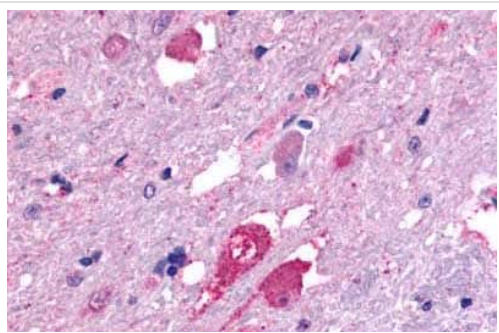
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 40 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Target

Function	Receptor for the hormone galanin and for GALP. The activity of this receptor is mediated by G proteins that activate the phospholipase C/protein kinase C pathway (via G(q)) and that inhibit adenylyl cyclase (via G(i)).
Tissue specificity	Expressed abundantly within the central nervous system in both hypothalamus and hippocampus. In peripheral tissues, the strongest expression was observed in heart, kidney, liver, and small intestine.
Sequence similarities	Belongs to the G-protein coupled receptor 1 family.
Cellular localization	Cell membrane.

Images



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human brain, neurons and glia labelling GALR2 with ab188753 at 40 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GALR2 antibody (ab188753)

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

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