abcam

Product datasheet

Anti-RGS5 antibody ab196799

★★★☆☆ **1 Abreviews**   **7 References**   2 Images

Overview

Product name	Anti-RGS5 antibody
Description	Rabbit polyclonal to RGS5
Host species	Rabbit
Tested applications	**Suitable for:** IHC-P, WB
Species reactivity	**Reacts with:** Mouse, Human
	Predicted to work with: Rat ⚠
Immunogen	Synthetic peptide within Human RGS5 (internal sequence). The exact sequence is proprietary. Database link: **O15539**
Positive control	Human breast carcinoma tissue. Extracts from NIH/3T3.
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: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, 49% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee   Our **Abpromise guarantee** covers the use of ab196799 in the following tested applications.

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

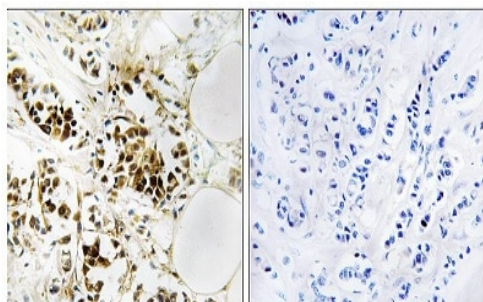| Application	Abreviews	Notes
IHC-P	★★★☆☆ (1)	1/50 - 1/100.
WB		1/500 - 1/3000. Predicted molecular weight: 21 kDa.

Target

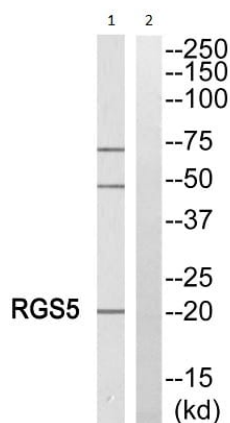|	
Function	Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Binds to G(i)-alpha and G(o)-alpha, but not to G(s)-alpha.
Sequence similarities	Contains 1 RGS domain.

Images

Immunohistochemical analysis of formalin/PFA-fixed paraffin-embedded human breast carcinoma tissue sections labeling RGS5 with ab196799 at a 1/50 dilution. Right image treated with sythesized peptide.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RGS5 antibody (ab196799)

All lanes : Anti-RGS5 antibody (ab196799) at 1/500 dilution

Lane 1 : Extracts from NIH/3T3 cells
Lane 2 : Extracts from NIH/3T3 cells with synthesized peptide

Predicted band size: 21 kDa

Western blot - Anti-RGS5 antibody (ab196799)

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- Response to your inquiry within 24 hours

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