




Product datasheet

Anti-VPAC2 antibody ab216630

[1 References](#) [1 Image](#)

Overview

Product name	Anti-VPAC2 antibody
Description	Rabbit polyclonal to VPAC2
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Rat 
Immunogen	Synthetic peptide aa 50-150 conjugated to keyhole limpet haemocyanin. 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: P35000  Run BLAST with  Run BLAST with
Positive control	IHC-P: Human lung carcinoma tissue.
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: 7.40 Preservative: 0.02% Proclin 300 Constituents: 50% Glycerol (glycerin, glycerine), 1% BSA, 48.98% TBS, 1X
Purity	Protein A purified
Clonality	Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab216630 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		1/100 - 1/500.

Target

Function

This is a receptor for VIP as well as PACAP-38 and -27, the activity of this receptor is mediated by G proteins which activate adenylyl cyclase. Can be coupled to phospholipase C.

Tissue specificity

Expressed in CD4+ T-cells, but not in CD8+ T-cells. Expressed in the T-cell lines Jurkat, PEER, MOLT-4, HSB, YT and Tsup-1, but not in the T-cell lines HARRIS and HUT 78.

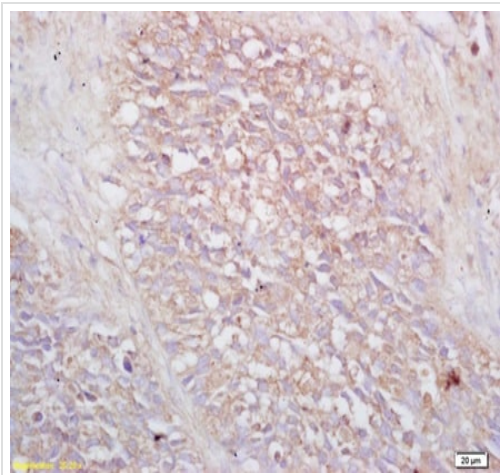
Sequence similarities

Belongs to the G-protein coupled receptor 2 family.

Cellular localization

Cell membrane.

Images



Immunohistochemical analysis of formalin-fixed and paraffin embedded human lung carcinoma tissue labeling VPAC2 using ab216630 at 1/200, followed by secondary detection and DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-VPAC2 antibody (ab216630)

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

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