


Anti-PDGFR alpha (phospho Y754) antibody ab5460

★★★★★ [7 Abreviews](#) [17 References](#) [2 Images](#)

Overview

Product name	Anti-PDGFR alpha (phospho Y754) antibody
Description	Rabbit polyclonal to PDGFR alpha (phospho Y754)
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat 
Immunogen	Synthetic peptide corresponding to Human PDGFR alpha (phospho Y754).
Positive control	IHC: Mouse colo, human brain 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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.30 Preservative: 0.05% Sodium azide Constituents: PBS, 0.1% BSA
Purity	Immunogen affinity purified
Purification notes	The antibody has been negatively preadsorbed using a non-phosphopeptide corresponding to the site of phosphorylation to remove antibody that is reactive with non-phosphorylated PDGFR alpha. The final product is generated by affinity chromatography using a PDGFR alpha derived peptide phosphorylated at tyrosine 754.
Clonality	Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab5460 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	★★★★★ (4)	1/20.

Target

Function

Receptor that binds both PDGFA and PDGFB and has a tyrosine-protein kinase activity.

Tissue specificity

Expressed in primary and metastatic colon tumors and in normal colon tissue. Tumors may express a different isoform to that found in normal tissue.

Involvement in disease

Note=A chromosomal aberration involving PDGFRA is found in some cases of hypereosinophilic syndrome. Interstitial chromosomal deletion del(4)(q12q12) causes the fusion of FIP1L1 and PDGFRA (FIP1L1-PDGFR).

Sequence similarities

Belongs to the protein kinase superfamily. Tyr protein kinase family. CSF-1/PDGF receptor subfamily.

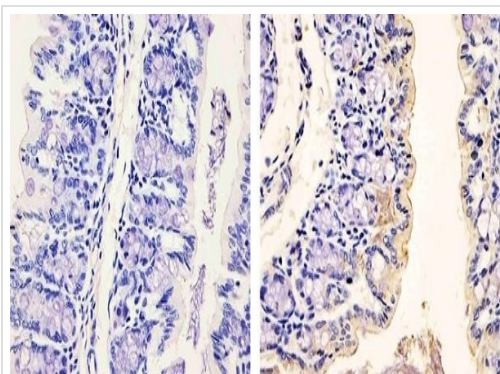
Contains 5 Ig-like C2-type (immunoglobulin-like) domains.

Contains 1 protein kinase domain.

Cellular localization

Membrane.

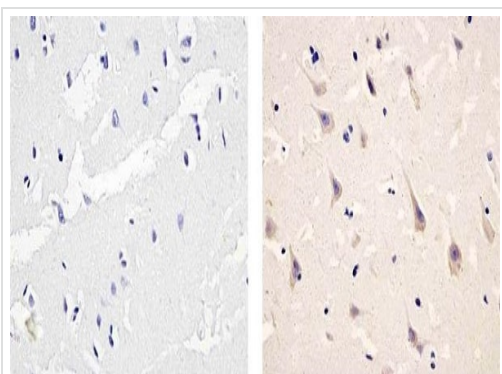
Images



Paraffin embedded mouse colon tissue stained for PDGFR alpha (phospho Y754) using ab5460 (right) at 1/20 dilution compared to a negative control section without primary antibody (left), followed by HRP-conjugated secondary antibody in immunohistochemical analysis.

Heat mediated antigen retrieval was performed using 10mM sodium citrate (pH 6.0).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PDGFR alpha (phospho Y754) antibody (ab5460)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PDGFR alpha (phospho Y754) antibody (ab5460)

Paraffin embedded human brain tissue stained for PDGFR alpha (phospho Y754) using ab5460 (right) at 1/20 dilution compared to a negative control section without primary antibody (left), followed by HRP-conjugated secondary antibody in immunohistochemical analysis.

Heat mediated antigen retrieval was performed using 10mM sodium citrate (pH 6.0).

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

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