Product datasheet

Anti-PDGFR alpha antibody ab124392

Overview

Product name	Anti-PDGFR alpha antibody
Description	Rabbit polyclonal to PDGFR alpha
Host species	Rabbit
Tested applications	Suitable for: WB, IP, IHC-P
Species reactivity	Reacts with: Mouse, Human
Predicted to work with: Rat, Rabbit, Horse, Chicken, Cow, Dog, Pig, Xenopus laevis
Immunogen	Synthetic peptide corresponding to Human PDGFR alpha aa 1035-1053 conjugated to keyhole limpet haemocyanin.
Sequence:
cGKRNRHSSQTSEESAIETG

Database link: P16234

Positive control	IHC-P: Human brain cerebellum tissue.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.40
Preservative: 0.05% Sodium azide
Constituents: 99% Tris glycine, 0.88% Sodium chloride
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our Abpromise guarantee covers the use of ab124392 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
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-PDGFRA).

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
ab124392, at 1/100 dilution, staining PDGFR alpha in formalin-fixed, paraffin-embedded human brain cerebellum tissue by Immunohistochemistry.

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

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