

Product datasheet

Anti-PDGF Receptor alpha antibody ab124392

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Overview

Product name	Anti-PDGF Receptor alpha antibody
Description	Rabbit polyclonal to PDGF Receptor 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 PDGF Receptor alpha aa 1035-1053 conjugated to keyhole limpet haemocyanin. Sequence: cGKRNRRHSSQTSEESAIETG Database link: P16234 <div style="display: flex; justify-content: space-around;"> Run BLAST with Run BLAST with </div>
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.

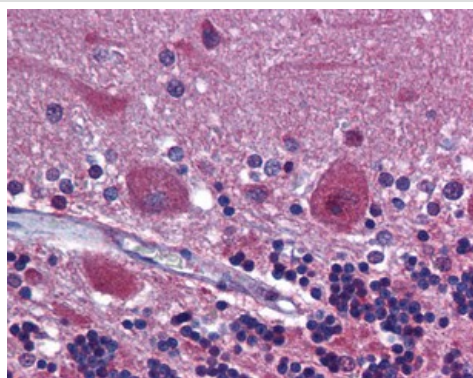
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/250 - 1/500. Detects a band of approximately 150,170 kDa (predicted molecular weight: 122 kDa).
IP		Use at an assay dependent concentration. 5-10 µl immunoprecipitates PDGF Receptor alpha from 500 µg of NIH/3T3 RIPA lysate.
IHC-P	★★★★★	1/100.

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



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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PDGF Receptor alpha antibody (ab124392)

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