

PDGF-A rabbit pAb

Cat No.:ES3164

For research use only

Overview

Product Name	PDGF-A rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human PDGF-A. AA range:105-154
Specificity	PDGF-A Polyclonal Antibody detects endogenous levels of PDGF-A protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Platelet-derived growth factor subunit A
Gene Name	PDGFA
Cellular localization	Secreted. Released by platelets upon wounding.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	17kD
Human Gene ID	5154
Human Swiss-Prot Number	P04085
Alternative Names	PDGFA; PDGF1; Platelet-derived growth factor subunit A; PDGF subunit A; PDGF-1; Platelet-derived growth factor A chain; Platelet-derived growth factor alpha polypeptide
Background	platelet derived growth factor subunit A(PDGFA) Homo sapiens This gene encodes a member of the protein family comprised of both



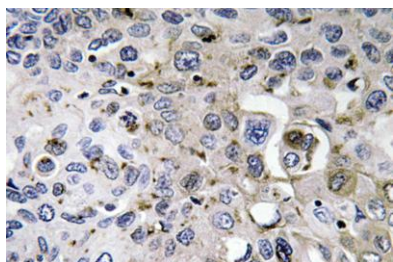


platelet-derived growth factors (PDGF) and vascular endothelial growth factors (VEGF). The encoded preproprotein is proteolytically processed to generate platelet-derived growth factor subunit A, which can homodimerize, or alternatively, heterodimerize with the related platelet-derived growth factor subunit B. These proteins bind and activate PDGF receptor tyrosine kinases, which play a role in a wide range of developmental processes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2015],



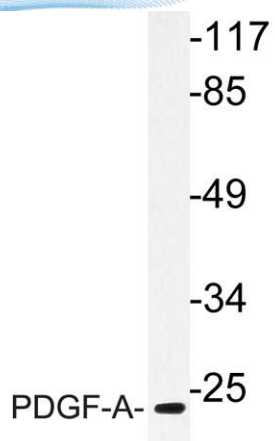
Western Blot analysis of various cells using PDGF-A Polyclonal Antibody

Immunohistochemistry analysis of PDGF-A antibody in paraffin-embedded human lung carcinoma tissue.





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Western blot analysis of lysate from Jurkat cells, using PDGF-A antibody.



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