

Datasheet for ABIN634264

anti-PDGFB antibody (N-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	PDGFB
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDGFB antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	PDGFB antibody was raised using the N terminal of PDGFB corresponding to a region with amino acids NRCWALFLSLCCYLRLVSAEGDPIPEELYEMLSDHSIRSFDDLQRLHGD
Specificity:	PDGFB antibody was raised against the N terminal of PDGFB
Purification:	Affinity purified

Target Details

Target:	PDGFB
Alternative Name:	PDGFB (PDGFB Products)
Background:	PDGFB is a member of the platelet-derived growth factor family. The four members of this family are mitogenic factors for cells of mesenchymal origin and are characterized by a motif of eight cysteines. PDGFB can exist either as a homodimer (PDGF-BB) or as a heterodimer with

Target Details

the platelet-derived growth factor alpha polypeptide (PDGF-AB), where the dimers are connected by disulfide bonds. Mutations in this gene are associated with meningioma. Reciprocal translocations between chromosomes 22 and 7, at sites where this gene and that for COL1A1 are located, are associated with a particular type of skin tumor called dermatofibrosarcoma protuberans resulting from unregulated expression of growth factor.

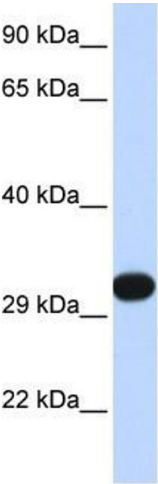
Molecular Weight:	27 kDa (MW of target protein)
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Regulation of Carbohydrate Metabolic Process , Smooth Muscle Cell Migration , Platelet-derived growth Factor Receptor Signaling

Application Details

Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	PDGFB Blocking Peptide, catalog no. 33R-6853, is also available for use as a blocking control in assays to test for specificity of this PDGFB antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of PDGFB antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. PDGFB antibody used at 1 ug/ml to detect target protein.