



Datasheet for ABIN1537450  
**anti-Osteoactivin antibody (C-Term)**



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1 Image

Overview

Quantity:	400 µL
Target:	Osteoactivin (GPNMB)
Binding Specificity:	AA 541-569, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Osteoactivin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This GPNMB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 541-569 amino acids from the C-terminal region of human GPNMB.
Clone:	RB36977
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Osteoactivin (GPNMB)
Alternative Name:	GPNMB ( <a href="#">GPNMB Products</a> )
Background:	The protein encoded by this gene is a type I transmembrane glycoprotein which shows

## Target Details

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homology to the pMEL17 precursor, a melanocyte-specific protein. GPNMB shows expression in the lowly metastatic human melanoma cell lines and xenografts but does not show expression in the highly metastatic cell lines. GPNMB may be involved in growth delay and reduction of metastatic potential. Two transcript variants encoding different isoforms have been found for this gene.

Molecular Weight:	63923
Gene ID:	10457
NCBI Accession:	<a href="#">NP_001005340</a> , <a href="#">NP_002501</a>
UniProt:	<a href="#">Q14956</a>

## Application Details

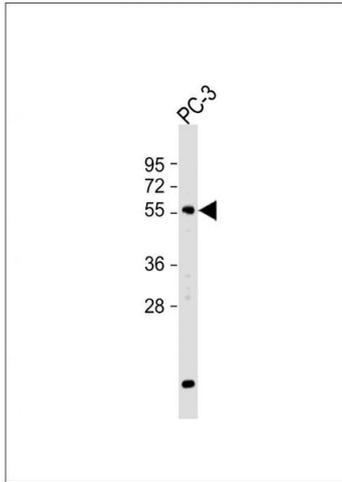
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Application Notes:	WB: 1:500
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	GPNMB Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



### Western Blotting

**Image 1.** Anti-GPNMB Antibody (C-term) at 1:500 dilution + PC-3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 64 kDa Blocking/Dilution buffer: 5 % NFDN/TBST.