

Datasheet for ABIN3032103
anti-Osteoactivin antibody (AA 541-569)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	Osteoactivin (GPNMB)
Binding Specificity:	AA 541-569
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Osteoactivin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 541-569 from the human protein was used as the immunogen for this GPNMB antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	Osteoactivin (GPNMB)
Alternative Name:	GPNMB (GPNMB Products)
Background:	The protein encoded by this gene is a type I transmembrane glycoprotein which shows 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

Target Details

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.

UniProt: [Q14956](#)

Application Details

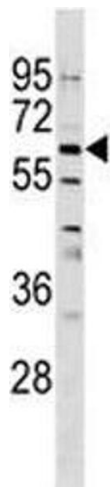
Application Notes: Titration of the GPNMB antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000

Restrictions: For Research Use only

Handling

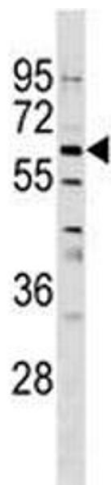
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the GPNMB antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



Western Blotting

Image 1. GPNMB antibody western blot analysis in CEM lysate.



Western Blotting

Image 2. GPNMB antibody western blot analysis in CEM lysate.