

Rabbit GPNMB Polyclonal Antibody | anti-GPNMB antibody

GPNMB Antibody

CATALOG # AAA328664	HOST Rabbit	REACTIVITY Human, MousePredicted: Horse	APPLICATIONS Western Blot
-------------------------------	-----------------------	---	-------------------------------------

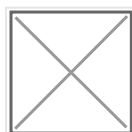
PRODUCT SYNONYMS

GPNMB; Polyclonal Antibody; GPNMB Antibody; Glycoprotein (transmembrane) nmb; Glycoprotein nmb; Glycoprotein nmb like protein; Gpnm; GPNMB_HUMAN; HGFIN; NMB; Osteoactivin; Transmembrane glycoprotein; Transmembrane glycoprotein HGFIN; Transmembrane glycoprotein NMB; anti-GPNMB antibody

PRODUCT SPECIFICATIONS

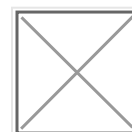
Host	Rabbit
Reactivity	Human, Mouse Predicted: Horse
Clonality	Polyclonal
Isotype	IgG
Specificity	GPNMB Antibody detects endogenous levels of GPNMB.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	572
Applicable Applications for anti-GPNMB antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human GPNMB.
Tissue Specificity	Up-regulated in various cancer cells, including in glioblastoma multiforme. Expressed in many melanoma cells, as well as in tissue macrophages, including liver Kupffer cells and lung alveolar macrophages, in podocytes and in some cells of the ciliary body of the eye (at protein level). Hardly detectable in healthy brain.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Plasma Membrane
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from A375 cells, using GPNMB Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)

Western blot analysis of extracts from K562, using GPNMB Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-GPNMB antibody	Description: Could be a melanogenic enzyme.
	Similarity: Belongs to the PMEL/NMB family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	52694752
NCBI GeneID	10457
NCBI Accession #	NP_001005340.1
NCBI GenBank Nucleotide #	NP_001005340.1
UniProt Accession #	Q14956
Molecular Weight	Observed: 68 kDa Predicted: 64 kDa
NCBI Official Full Name	transmembrane glycoprotein NMB isoform a
NCBI Official Synonym Full Names	glycoprotein nmb
NCBI Official Symbol	GPNMB
NCBI Official Synonym Symbols	NMB; HGFIN; PLCA3
NCBI Protein Information	transmembrane glycoprotein NMB
UniProt Protein Name	Transmembrane glycoprotein NMB
UniProt Gene Name	GPNMB
UniProt Synonym Gene Names	HGFIN; NMB
UniProt Entry Name	GPNMB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.