



GPNMB rabbit pAb

Cat No.:ES11148

For research use only

Overview

Product Name	GPNMB rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	GPNMB Polyclonal Antibody detects endogenous levels of 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	Transmembrane glycoprotein NMB (Transmembrane glycoprotein HGFIN)
Gene Name	GPNMB HGFIN NMB UNQ1725/PRO9925
Cellular localization	Cell membrane; Single-pass type I membrane protein . Melanosome membrane ; Single-pass type I membrane protein . Early endosome membrane ; Single-pass type I membrane protein . Identified by mass spectrometry in melanosome fractions from stage I to stage IV. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	62kD
Human Gene ID	10457
Human Swiss-Prot Number	Q14956
Alternative Names	
Background	glycoprotein nmb(GPNMB) Homo sapiens The protein encoded by this gene is a type I transmembrane glycoprotein which shows





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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. [provided by RefSeq, Jul 2008],



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