

Rabbit anti-Human GPNMB/Osteoactivin Polyclonal Antibody | anti-GPNMB antibody

GPNMB/Osteoactivin Rabbit anti-Human Polyclonal (aa50-99) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162598	Rabbit	Human	Western Blot, Immunohistochemistry, Immunohistochemistry

PRODUCT SYNONYMS

GPNMB/Osteoactivin; Polyclonal Antibody; GPNMB/Osteoactivin Rabbit anti-Human Polyclonal (aa50-99) Antibody; IHC-plus GPNMB/Osteoactivin Antibody (aa50-99); GPNMB; Glycoprotein nmb-like protein; HGFIN; Glycoprotein NMB; Osteoactivin; Transmembrane glycoprotein NMB; anti-GPNMB antibody

PRODUCT SPECIFICATIONS

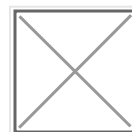
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Human GPNMB
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.09% sodium azide, 2% sucrose
Concentration	0.5mg/ml (varies by lot)
Applicable Applications for anti-GPNMB antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Target	Human GPNMB/Osteoactivin
Immunogen	Synthetic peptide located between aa50-99 of human GPNMB (A8K7R3, NP_002501). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Mouse, Hamster, Bovine, Rabbit, Horse (100%); Marmoset, Rat, Bat, Pig, Guinea pig, Platypus (92%); Elephant, Opossum (85%).
Conjugation	Unconjugated
Epitope	aa50-99
Preparation and Storage	Short term: Store at 2-8 degree C. Long term: Aliquot and store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

GPNMB/Osteoactivin Antibody-Anti-GPNMB antibody IHC staining of human colon. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml. This image was taken for the unconjugated form of this product. Other forms have not been tested.



IHC (Immunohistochemistry)

GPNMB/Osteoactivin Antibody-Anti-GPNMB antibody IHC staining of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. This image was taken for the unconjugated form of this product. Other forms have not been tested.



WB (Western Blot)

GPNMB/Osteoactivin Antibody-HepG2 cell lysate. Antibody concentration: 1.0 ug/ml. Gel concentration: 12%. This image was taken for the unconjugated form of this product. Other forms have not been tested.

ADDITIONAL INFORMATION

Related Product Information for anti-GPNMB antibody

Osteoactivin antibody is an unconjugated rabbit polyclonal antibody to Osteoactivin (GPNMB)(aa50-99) from human. It is reactive with human, mouse, bovine and other species. Validated for IHC and WB. Tested on 20 paraffin-embedded human tissues. Cited in 1 publication.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505405
NCBI GeneID	10457
NCBI Accession #	NP_002501.1
NCBI GenBank Nucleotide #	NM_002510
UniProt Accession #	Q14956; Q6UVX1; Q8N1A1; A4D155
Molecular Weight	62,643 Da
NCBI Official Full Name	transmembrane glycoprotein NMB isoform b
NCBI Official Synonym Full Names	glycoprotein (transmembrane) nmb
NCBI Official Symbol	GPNMB
NCBI Official Synonym Symbols	NMB; HGFIN
NCBI Protein Information	transmembrane glycoprotein NMB; osteoactivin; glycoprotein nmb-like protein; transmembrane glycoprotein HGFIN
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gpnmb-osteactivin-antibody-western-blot-immunohistochemistry-immunohistochemistry-elisa/162598>