

## Rabbit NMB Polyclonal Antibody | anti-NMB antibody

NMB Antibody (Center)

| CATALOG # | HOST   | REACTIVITY                          | APPLICATIONS                                                  |
|-----------|--------|-------------------------------------|---------------------------------------------------------------|
| AAA287350 | Rabbit | Human (Predicted Reactivity: Mouse) | Immunofluorescence, Immunohistochemistry, ELISA, Western Blot |

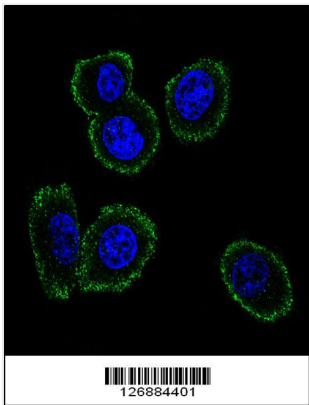
### PRODUCT SYNONYMS

NMB; Polyclonal Antibody; NMB Antibody (Center); Neuromedin-B; Neuromedin-B-32; anti-NMB antibody

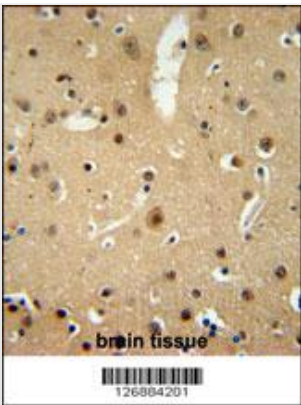
### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                              |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                                       |
| Reactivity                                    | Human (Predicted Reactivity: Mouse)                                                                                                                                          |
| Clonality                                     | Polyclonal                                                                                                                                                                   |
| Isotype                                       | Rabbit Ig                                                                                                                                                                    |
| Specificity                                   | This NMB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 15-42 amino acids from the Central region of human NMB.                |
| Purity/Purification                           | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                   | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                 | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                            | 15-42                                                                                                                                                                        |
| Sequence Length                               | 154                                                                                                                                                                          |
| Applicable Applications for anti-NMB antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                |
| Antigen Type                                  | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                | HUMAN                                                                                                                                                                        |
| Preparation and Storage                       | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

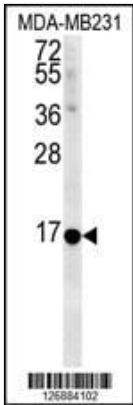
IMAGES



**IF (Immunofluorescence)**  
Confocal immunofluorescent analysis of NMB Antibody (Center) with MDA-MB231 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



**IHC (Immunohiostchemistry)**  
NMB Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the NMB Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



**WB (Western Blot)**  
NMB Antibody (Center) western blot analysis in MDA-MB231 cell line lysates (35ug/lane).This demonstrates the NMB antibody detected the NMB protein (arrow).

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                  |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NMB antibody | NMB stimulates smooth muscle contraction in a manner similar to that of bombesin.                                                                                                |
| Product Categories/Family for anti-NMB antibody   | Neuroscience                                                                                                                                                                     |
| References                                        | Luttrell, L.M. Mol. Biotechnol. 39(3):239-264(2008)<br>Spalova, J., et al. Physiol Res 57 SUPPL 1, S39-S48 (2008)<br>Hoggard, N., et al. J. Mol. Endocrinol. 39(3):199-210(2007) |

NCBI AND UNIPROT INFORMATION

|                           |                          |
|---------------------------|--------------------------|
| NCBI GI #                 | 45505143                 |
| NCBI GeneID               | 4828                     |
| NCBI Accession #          | NP_066563.2; NP_995580.1 |
| NCBI GenBank Nucleotide # | NM_021077.3              |
| UniProt Accession #       | P08949; Q96A06; Q96HH5   |
| Molecular Weight          | 13252                    |

|                                  |                                      |
|----------------------------------|--------------------------------------|
| NCBI Official Full Name          | neuromedin-B isoform 1 preproprotein |
| NCBI Official Synonym Full Names | neuromedin B                         |
| NCBI Official Symbol             | NMB                                  |
| NCBI Protein Information         | neuromedin-B                         |
| UniProt Protein Name             | Neuromedin-B                         |
| UniProt Gene Name                | <b>NMB</b>                           |
| UniProt Entry Name               | NMB_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/nmb-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/287350>