

## Rabbit Neprilysin (NEP) Polyclonal Antibody | anti-NEP antibody

Polyclonal Antibody to Neprilysin (NEP)

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                   |
|-----------|--------|-------------------|----------------------------------------------------------------|
| AAA130820 | Rabbit | Human, Mouse, Rat | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry |

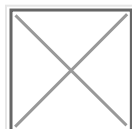
### PRODUCT SYNONYMS

Neprilysin (NEP); Polyclonal Antibody; Polyclonal Antibody to Neprilysin (NEP); anti-NEP antibody

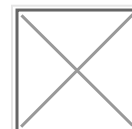
### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                                                                                                                                                                                            |
| Reactivity                                    | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                 |
| Clonality                                     | Polyclonal                                                                                                                                                                                                                                                                                                                        |
| Specificity                                   | The antibody is a rabbit polyclonal antibody raised against NEP. It has been selected for its ability to recognize NEP in immunohistochemical staining and western blotting.                                                                                                                                                      |
| Purity/Purification                           | Affinity Chromatography                                                                                                                                                                                                                                                                                                           |
| Form/Format                                   | Supplied as solution form in PBS, pH7.4, containing 0.02% Na <sub>3</sub> N, 50% glycerol.                                                                                                                                                                                                                                        |
| Concentration                                 | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                          |
| Sequence                                      | Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below.<br>MG HHHHHHSGS- FSAQQSNSLN YGGIGMVIGH EITHGFDDNG RNFNKDGLV DWWTQQSASN<br>FKEQSQCMVY QYGNFSWDLA GGQHLNGINT LGENIADNGG LGQAYRAYQN YIKKNGEEKL LPGLDLNHHKQ<br>LFFLNFAQVW CGTYRPEYAV NSIKTDVHSP GNFRIGTLQ NSAEFSEAFH CRKNSYMNPE KRCRVW |
| Sequence Length                               | 750                                                                                                                                                                                                                                                                                                                               |
| Applicable Applications for anti-NEP antibody | WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)                                                                                                                                                                                                                                                   |
| Immunogen                                     | Recombinant NEP (Phe565~Trp750) expressed in E.coli.                                                                                                                                                                                                                                                                              |
| Cross Reactivity                              | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                 |
| Conjugated Antibody                           | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                             |
| Preparation and Storage                       | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                     |

### IMAGES



**IHC (Immunohistochemistry)**  
DAB staining on IHC-P. Samples: Human Tissue



**WB (Western Blot)**  
Western Blot: Sample: Recombinant NEP, Human.



**WB (Western Blot)**

Western Blot: Lane1: Rat Kidney Tissue; Lane2: Mouse Kidney Tissue.

**NCBI AND UNIPROT INFORMATION**

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| NCBI GI #                        | 116256329                                   |
| NCBI GeneID                      | 4311                                        |
| NCBI Accession #                 | NP_000893.2                                 |
| NCBI GenBank Nucleotide #        | NM_000902.3                                 |
| UniProt Accession #              | P08473; Q3MIX4; A8K6U6; D3DNJ9              |
| Molecular Weight                 | 85,514 Da                                   |
| NCBI Official Full Name          | neprilysin isoform a                        |
| NCBI Official Synonym Full Names | membrane metalloendopeptidase               |
| NCBI Official Symbol             | MME                                         |
| NCBI Official Synonym Symbols    | NEP; SFE; CD10; CALLA; CMT2T; SCA43         |
| NCBI Protein Information         | neprilysin                                  |
| UniProt Protein Name             | Neprilysin                                  |
| UniProt Gene Name                | MME                                         |
| UniProt Synonym Gene Names       | EPN; CALLA; NEP; Neutral endopeptidase; SFE |

**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/neprilysin-nep-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/130820>