# Rabbit anti-Mouse, Rat Alanine Aminopeptidase (AAP) Polyclonal Antibody | anti-AAP antibody

Polyclonal Antibody to Alanine Aminopeptidase (AAP)

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA134903** | **Rabbit** | **Mouse, Rat** | **Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry** |

## PRODUCT SYNONYMS

Alanine Aminopeptidase (AAP); Polyclonal Antibody; Polyclonal Antibody to Alanine Aminopeptidase (AAP); anti-AAP antibody

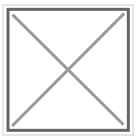
## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Mouse, Rat |
| **Clonality** | Polyclonal |
| **Specificity** | The antibody is a rabbit polyclonal antibody raised against AAP. It has been selected for its ability to recognize AAP in immunohistochemical staining andwestern blotting. |
| **Purity/Purification** | Affinity Chromatography |
| **Form/Format** | Supplied as solution form in PBS, pH7.4, containing 0.02% NaN3,50% glycerol. |
| **Concentration** | 500ug/mL (varies by lot) |
| **Sequence** | Ant igen:Thetarge tproteinis fusedwitht woN-termin alTags,His -tagandT7- taganditss equenceisl istedbelow . MGSSH HHHHHSSGLV PRGSHMASMT GGQQMGRGSE F-YLKKQVTP LFFYFQNRTN NWVNRPPTLM EQYNEINAIS TACSSGLKEC RDLVVELYSQ WMKNPNNNTI HPNLRSTVYC NAIAFGGEEE WNFAWEQFRN ATLVNEADKL RSALACSKDV WILNRYLSYT LNPDYIRKQD TTSTIISIAS NVAGHPLVWD FVRSNWKKLF ENYGGGSFSF ANLIQGVTRR FSSEFELQQL EQF |
| **Sequence Length** | 998 |
| **Applicable Applications for anti-AAP antibody** | WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry) |
| **Immunogen** | Recombinant AAP (Tyr720~Phe961) expressed in E.coli. |
| **Cross Reactivity** | 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. |

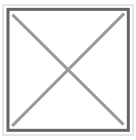
## IMAGES

**IHC (Immunohistochemistry)**
DAB staining on IHC-P; Samples: Mouse Testis Tissue

**IHC (Immunohistochemisry)**
DAB staining on fromalin fixed paraffin-embedded Kidney tissue



**WB (Western Blot)**
Western Blot: Sample: Recombinant protein.



**WB (Western Blot)**
Western Blot: Sample: Mouse Liver lysate; Primary Ab: 1ug/ml Rabbit Anti-Mouse AAP Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

## NCBI AND UNIPROT INFORMATION

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|---|---|
| **NCBI GI #** | 225637487 |
| **NCBI GeneID** | 16790 |
| **NCBI Accession #** | NP_032512.2 |
| **NCBI GenBank Nucleotide #** | NM_008486.3 |
| **UniProt Accession #** | P97449; Q91YH8; Q99K63 |
| **Molecular Weight** | 109,651 Da |
| **NCBI Official Full Name** | aminopeptidase N |
| **NCBI Official Synonym Full Names** | alanyl (membrane) aminopeptidase |
| **NCBI Official Symbol** | Anpep |
| **NCBI Official Synonym Symbols** | Apn; AP-M; AP-N; Cd13; P150 |
| **NCBI Protein Information** | aminopeptidase N |
| **UniProt Protein Name** | Aminopeptidase N |
| **UniProt Gene Name** | **Anpep** |
| **UniProt Synonym Gene Names** | Lap-1; Lap1; AP-N; mAPN; AP-M |

**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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