

# Rabbit anti-Human Pregnancy Associated Plasma Protein A (PAPPA) Polyclonal Antibody | anti-PAPPA antibody

Polyclonal Antibody to Pregnancy Associated Plasma Protein A (PAPPA)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                   |
|-----------|--------|------------|----------------------------------------------------------------|
| AAA132490 | Rabbit | Human      | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry |

## PRODUCT SYNONYMS

Pregnancy Associated Plasma Protein A (PAPPA); Polyclonal Antibody; Polyclonal Antibody to Pregnancy Associated Plasma Protein A (PAPPA); anti-PAPPA antibody

## PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Reactivity                                      | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Specificity                                     | The antibody is a rabbit polyclonal antibody raised against PAPPA. It has been selected for its ability to recognize PAPPA in immunohistochemical staining and western blotting.                                                                                                                                                                                                                                                                      |
| Purity/Purification                             | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Form/Format                                     | Supplied as solution form in PBS, pH7.4, containing 0.02% NaN <sub>3</sub> , 50% glycerol.                                                                                                                                                                                                                                                                                                                                                            |
| Concentration                                   | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Sequence                                        | Antigen: The target protein is fused with N-terminal His-Tag and the sequence is listed below.<br>MG HHHHHHSGSE F-TEGKWNKQ VACEPVDCSI PDHHQVYAAS FSCPEGTTFG SQCSFQCRHP AQLKGNNLL<br>TCMEDGLWSF PEALCELMCL APPVPNADL QTARCENKH KVSFCKYKC KPGYHVPSS RSKKRAFKT<br>QCTQDGSWQE GACVPVTCDP PPPKFHGLYQ CTNGFQFNSE CRIKCEDSDA SQGLGSNVH CRKDG TWNGS<br>FHVCQEMQGQ CSVPNELNSN LKLQCPDGYA IGSECATSCL DHNSESILP MNVTVRDIPH WLNPT RVERV<br>VCTAGLKWYP HPALHCVKG C |
| Sequence Length                                 | 200                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Applicable Applications for anti-PAPPA antibody | WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)                                                                                                                                                                                                                                                                                                                                                                       |
| Immunogen                                       | Recombinant PAPPA (Thr1270~Cys1558) expressed in E.coli.                                                                                                                                                                                                                                                                                                                                                                                              |
| Cross Reactivity                                | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 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



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



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

NCBI AND UNIPROT INFORMATION

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| NCBI GI #                        | 38045915                                           |
| NCBI GeneID                      | 5069                                               |
| NCBI Accession #                 | NP_002572.2                                        |
| NCBI GenBank Nucleotide #        | NM_002581.4                                        |
| UniProt Accession #              | Q13219; Q08371; Q68G52; Q9UDK7; B1AMF9             |
| Molecular Weight                 | 180,973 Da                                         |
| NCBI Official Full Name          | pappalysin-1 preproprotein                         |
| NCBI Official Synonym Full Names | pappalysin 1                                       |
| NCBI Official Symbol             | PAPPA                                              |
| NCBI Official Synonym Symbols    | PAPA; DIPLA1; PAPP-A; PAPPA1; ASBABP2; IGFBP-4ase  |
| NCBI Protein Information         | pappalysin-1                                       |
| UniProt Protein Name             | Pappalysin-1                                       |
| UniProt Gene Name                | PAPPA                                              |
| UniProt Synonym Gene Names       | IGF-dependent IGFBP-4 protease; IGFBP-4ase; PAPP-A |

**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.