

## Rabbit PHAP III Polyclonal Antibody | anti-ANP32E antibody

PHAP III Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                  |
|-----------|--------|-------------------|---------------------------------------------------------------|
| AAA40067  | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry, Western Blot, ELISA |

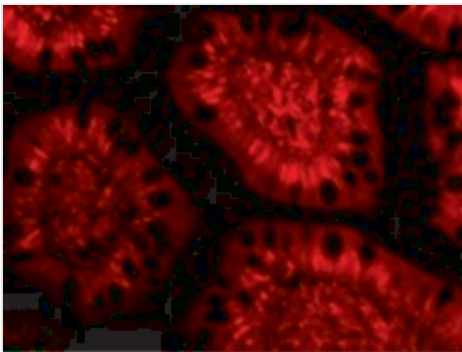
### PRODUCT SYNONYMS

PHAP III; Polyclonal Antibody; PHAP III Antibody; LANPL; LANP-L; Acidic leucine-rich nuclear phosphoprotein 32 family member E; LANP-like protein; acidic (leucine-rich) nuclear phosphoprotein 32 family; member E; anti-ANP32E antibody

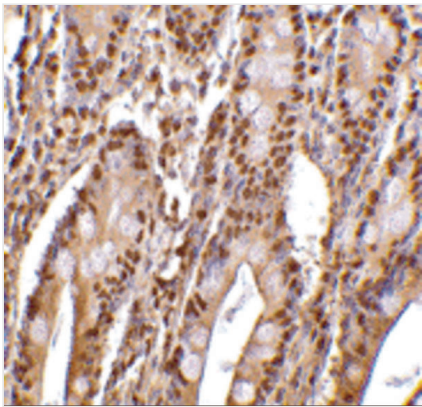
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                 |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                          |
| Reactivity                                       | Human, Mouse, Rat                                                                                                               |
| Clonality                                        | Polyclonal                                                                                                                      |
| Isotype                                          | IgG                                                                                                                             |
| Specificity                                      | PHAP III has no cross-reaction to PHAP I and PHAP I2a.                                                                          |
| Purity/Purification                              | PHAP III Antibody is affinity chromatography purified via peptide column.                                                       |
| Form/Format                                      | Liquid                                                                                                                          |
| Concentration                                    | 1 mg/mL (varies by lot)                                                                                                         |
| Sequence Length                                  | 268                                                                                                                             |
| Applicable Applications for anti-ANP32E antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                   |
| Conjugate                                        | Unconjugated                                                                                                                    |
| Immunogen                                        | PHAP III antibody was raised with a synthetic peptide corresponding to amino acids close to carboxy terminus of human PHAP III. |
| Buffer                                           | PHAP III Antibody is supplied in PBS containing 0.02% sodium azide.                                                             |
| Preparation and Storage                          | Antibody can be stored at 4 degree C up to one year. Antibodies should not be exposed to prolonged high temperatures.           |

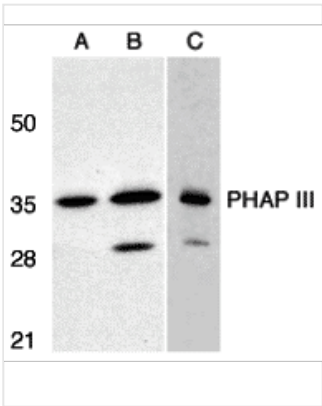
IMAGES



**IF (Immunofluorescence)**  
Immunofluorescence of PHAP III in Human Small Intestine cells with PHAP III antibody at 10 &#956;g/mL.



**IHC (Immunohistochemistry)**  
Immunohistochemistry of PHAP III in human small intestine tissue with PHAP III antibody at 2 &#956;g/mL.



**WB (Western Blot)**  
Western blot analysis of PHAP III expression in human A549 (A) and HepG2 (B) cells, and rat testis (C) with PHAP antibody III at 1 &#956;g/mL.

ADDITIONAL INFORMATION

**Related Product Information for anti-ANP32E antibody**

PHAP III Antibody: Apoptosis is related to many diseases and development. Caspase-9 plays a central role in cell death induced by a variety of apoptosis activators. Cytochrome c, after released from mitochondria, binds to Apaf-1, which forms an apoptosome that in turn binds to and activate procaspase-9. Activated caspase-9 cleaves and activates the effector caspases (caspase-3, -6 and -7), which are responsible for the proteolytic cleavage of many key proteins in apoptosis. The tumor suppressor putative HLA-DR-associated proteins (PHAPs) were recently identified as important regulators of mitochondrion apoptosis. PHAP appears to facilitate apoptosome-mediated caspase-9 activation and to stimulate the mitochondrial apoptotic pathway. PHAP was also shown to oppose both Ras- and Myc-mediated cell transformation.

NCBI AND UNIPROT INFORMATION

|                           |                                                                         |
|---------------------------|-------------------------------------------------------------------------|
| NCBI GI #                 | 13569879                                                                |
| NCBI GeneID               | 81611                                                                   |
| NCBI Accession #          | NP_112182                                                               |
| NCBI GenBank Nucleotide # | NM_030920.4                                                             |
| UniProt Accession #       | Q9BTT0; Q5TB18; Q5TB20; Q8N1S4; Q8WWW9; B4E0I6; E9PEA6                  |
| Molecular Weight          | 35 kDa                                                                  |
| NCBI Official Full Name   | acidic leucine-rich nuclear phosphoprotein 32 family member E isoform 1 |

|                                  |                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| NCBI Official Synonym Full Names | acidic (leucine-rich) nuclear phosphoprotein 32 family, member E                                                           |
| NCBI Official Symbol             | ANP32E                                                                                                                     |
| NCBI Official Synonym Symbols    | LANPL; LANP-L                                                                                                              |
| NCBI Protein Information         | acidic leucine-rich nuclear phosphoprotein 32 family member E; LANP-like protein; leucine-rich acidic nuclear protein like |
| UniProt Protein Name             | Acidic leucine-rich nuclear phosphoprotein 32 family member E                                                              |
| UniProt Gene Name                | <b>ANP32E</b>                                                                                                              |
| UniProt Synonym Gene Names       | LANP-L                                                                                                                     |
| UniProt Entry Name               | AN32E_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/phap-iii-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40067>