

## Rabbit anti-Human AMCase Polyclonal Antibody | anti-CHIA antibody

Anti-AMCase Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                       |
|-----------|--------|------------|------------------------------------|
| AAA261938 | Rabbit | Human      | Immunohistochemistry, Western Blot |

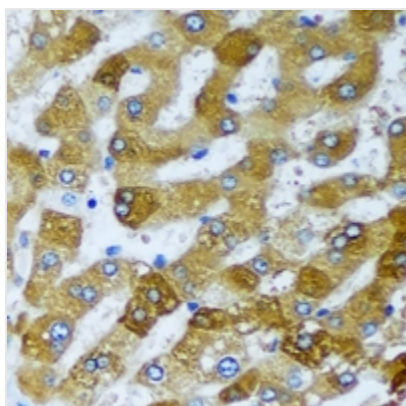
### PRODUCT SYNONYMS

AMCase; Polyclonal Antibody; Anti-AMCase Antibody; Acidic mammalian chitinase; Lung-specific protein TSA1902; anti-CHIA antibody

### PRODUCT SPECIFICATIONS

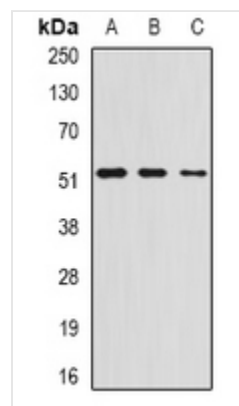
|                                                |                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                         |
| Reactivity                                     | Human                                                                                                          |
| Clonality                                      | Polyclonal                                                                                                     |
| Specificity                                    | Recognizes endogenous levels of AMCase protein.                                                                |
| Purity/Purification                            | The antibody was purified by immunogen affinity chromatography.                                                |
| Form/Format                                    | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.      |
| Sequence Length                                | 315                                                                                                            |
| Applicable Applications for anti-CHIA antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                  |
| Immunogen                                      | Recombinant full length protein of human AMCase                                                                |
| Preparation and Storage                        | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of AMCase staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of AMCase expression in HepG2 (A), mouse stomach (B), rat lung (C) whole cell lysates.

ADDITIONAL INFORMATION

|                                                    |                                      |
|----------------------------------------------------|--------------------------------------|
| Related Product Information for anti-CHIA antibody | Rabbit polyclonal antibody to AMCase |
|----------------------------------------------------|--------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 95147544                                                               |
| NCBI GeneID                      | 27159                                                                  |
| NCBI Accession #                 | NP_001035713.1                                                         |
| NCBI GenBank Nucleotide #        | NM_001040623.2                                                         |
| UniProt Accession #              | Q9BZP6; Q32W79; Q32W80; Q3B866; Q5U5Z5; Q5VUV4; Q86UD8; Q9ULY3; Q9ULY4 |
| Molecular Weight                 | 33,906 Da                                                              |
| NCBI Official Full Name          | acidic mammalian chitinase isoform b                                   |
| NCBI Official Synonym Full Names | chitinase, acidic                                                      |
| NCBI Official Symbol             | CHIA                                                                   |
| NCBI Official Synonym Symbols    | CHIT2; AMCASE; TSA1902                                                 |
| NCBI Protein Information         | acidic mammalian chitinase                                             |
| UniProt Protein Name             | Acidic mammalian chitinase                                             |
| UniProt Gene Name                | CHIA                                                                   |
| UniProt Synonym Gene Names       | AMCase                                                                 |
| UniProt Entry Name               | CHIA_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/amcase-antibody-immunohistochemistry-western-blot-elisa/261938>