

## Rabbit LIPA Polyclonal Antibody | anti-LIPA antibody

LIPA antibody - N-terminal region

| CATALOG # | HOST   | REACTIVITY                                 | APPLICATIONS |
|-----------|--------|--------------------------------------------|--------------|
| AAA201061 | Rabbit | Cow, Horse, Human, Pig, Rabbit, Rat, Sheep | Western Blot |

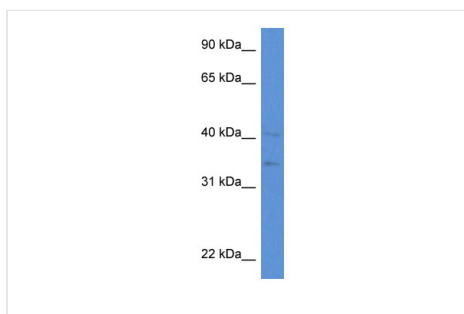
### PRODUCT SYNONYMS

LIPA; Polyclonal Antibody; LIPA antibody - N-terminal region; anti-LIPA antibody

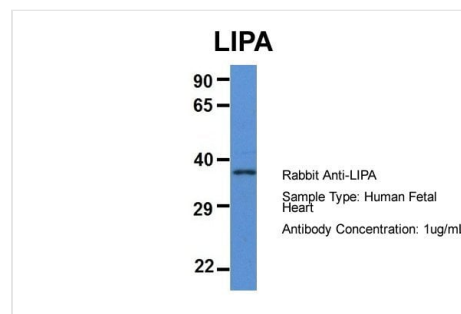
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Cow, Horse, Human, Pig, Rabbit, Rat, Sheep                                                                                                            |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Purity/Purification                            | Affinity Purified                                                                                                                                     |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                       | Synthetic peptide with the following sequence: SY WGFPSEEYLV ETEDGYILCL NRIPHGRKNH SDKGPKPVVF LQHGLLAD                                                |
| Sequence Length                                | 399                                                                                                                                                   |
| Applicable Applications for anti-LIPA antibody | WB (Western Blot)                                                                                                                                     |
| Homology                                       | Cow: 93%; Horse: 86%; Human: 100%; Pig: 100%; Rabbit: 93%; Rat: 86%; Sheep: 93%                                                                       |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the N terminal region of human LIPA                                                             |
| Preparation and Storage                        | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES


**WB (Western Blot)**

WB Suggested Anti-LIPA Antibody Titration: 1.0 ug/ml Positive Control: HepG2 Whole Cell LIPA is supported by BioGPS gene expression data to be expressed in HepG2


**WB (Western Blot)**

Host: Rabbit Target Name: LIPA Sample Type: Human Fetal Heart Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-LIPA antibody | <p>This is a rabbit polyclonal antibody against LIPA. It was validated on Western Blot</p> <p>Target Description: This gene encodes lipase A, the lysosomal acid lipase (also known as cholesterol ester hydrolase). This enzyme functions in the lysosome to catalyze the hydrolysis of cholesteryl esters and triglycerides. Mutations in this gene can result in Wolman disease and cholesteryl ester storage disease. Alternatively spliced transcript variants encoding the same protein have been found for this gene.</p> |
| Product Categories/Family for anti-LIPA antibody   | <a href="#">Polyclonal</a> ; <a href="#">Drugs and Drug Metabolism</a> ; <a href="#">DNA/RNA/Protein Interactions</a> ; <a href="#">Cell Morphogenesis</a>                                                                                                                                                                                                                                                                                                                                                                       |

NCBI AND UNIPROT INFORMATION

|                                  |                                                             |
|----------------------------------|-------------------------------------------------------------|
| NCBI GI #                        | 51317399                                                    |
| NCBI GeneID                      | 3988                                                        |
| NCBI Accession #                 | <a href="#">NP_000226</a>                                   |
| NCBI GenBank Nucleotide #        | <a href="#">NM_000235</a>                                   |
| UniProt Accession #              | <a href="#">P38571</a>                                      |
| Molecular Weight                 | 43kDa                                                       |
| NCBI Official Full Name          | lysosomal acid lipase/cholesteryl ester hydrolase isoform 1 |
| NCBI Official Synonym Full Names | lipase A, lysosomal acid type                               |
| NCBI Official Symbol             | LIPA                                                        |
| NCBI Official Synonym Symbols    | LAL; CESD                                                   |
| NCBI Protein Information         | lysosomal acid lipase/cholesteryl ester hydrolase           |
| UniProt Protein Name             | Lysosomal acid lipase/cholesteryl ester hydrolase           |
| UniProt Gene Name                | <b>LIPA</b>                                                 |
| UniProt Synonym Gene Names       | Acid cholesteryl ester hydrolase; LAL                       |
| UniProt Entry Name               | LICH_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://stage.aaabiotech.com/polyclonal/lipa-antibody-western-blot-elisa/201061>