

## Rabbit HAGH Polyclonal Antibody | anti-HAGH antibody

HAGH antibody - C-terminal region

|                               |                       |                                                                     |                                     |
|-------------------------------|-----------------------|---------------------------------------------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA200372</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|---------------------------------------------------------------------|-------------------------------------|

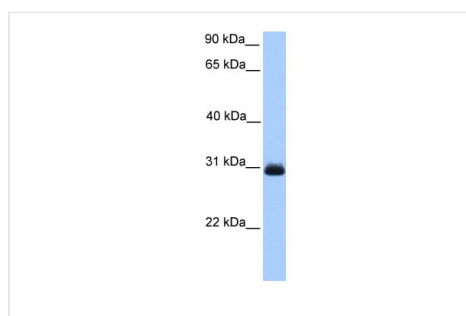
### PRODUCT SYNONYMS

HAGH; Polyclonal Antibody; HAGH antibody - C-terminal region; anti-HAGH antibody

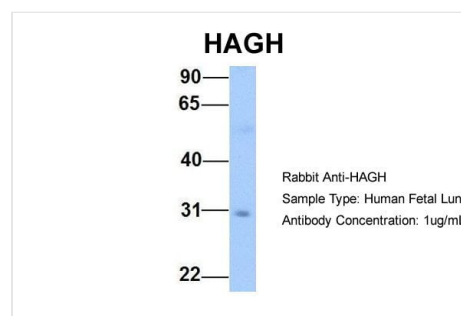
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat                                                                                                        |
| 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 located within the following region: ST LAEEFTYNPF MRVREKTVQQ HAGETDPVTT MRAVRREKDQ FKMPRD                                          |
| Sequence Length                                | 260                                                                                                                                                   |
| Applicable Applications for anti-HAGH antibody | WB (Western Blot)                                                                                                                                     |
| Homology                                       | Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rat: 93%                                                               |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the C terminal region of human HAGH                                                             |
| 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. |

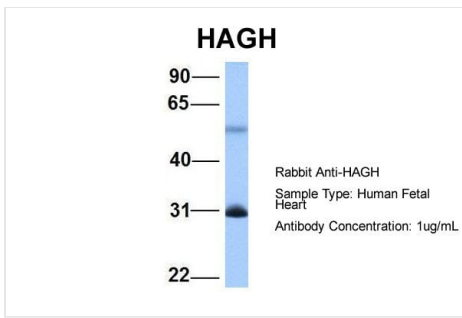
### IMAGES


**WB (Western Blot)**

WB Suggested Anti-HAGH Antibody Titration: 0.2-1 ug/ml Positive Control: Human Liver


**WB (Western Blot)**

Host: Rabbit Target Name: HAGH Sample Type: Human Fetal Lung Antibody Dilution: 1.0ug/ml



#### WB (Western Blot)

Host: RabbitTarget Name: HAGHSample Type: Human Fetal HeartAntibody Dilution: 1.0ug/ml

## ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-HAGH antibody | <p>This is a rabbit polyclonal antibody against HAGH. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: HAGH belongs to the metallo-beta-lactamase superfamily, glyoxalase II family. It is classified as a thiolesterase and is responsible for the hydrolysis of S-lactoyl-glutathione to reduced glutathione and D-lactate. The enzyme encoded by this gene is classified as a thiolesterase and is responsible for the hydrolysis of S-lactoyl-glutathione to reduced glutathione and D-lactate.</p> |
| Product Categories/Family for anti-HAGH antibody   | <p>Polyclonal; Drugs and Drug Metabolism; Various</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## NCBI AND UNIPROT INFORMATION

|                                  |                                                           |
|----------------------------------|-----------------------------------------------------------|
| NCBI GI #                        | 94538320                                                  |
| NCBI GeneID                      | 3029                                                      |
| NCBI Accession #                 | NP_001035517                                              |
| NCBI GenBank Nucleotide #        | NM_001040427                                              |
| UniProt Accession #              | Q16775                                                    |
| Molecular Weight                 | 29kDa                                                     |
| NCBI Official Full Name          | hydroxyacylglutathione hydrolase, mitochondrial isoform 2 |
| NCBI Official Synonym Full Names | hydroxyacylglutathione hydrolase                          |
| NCBI Official Symbol             | HAGH                                                      |
| NCBI Official Synonym Symbols    | GLO2; GLX2; GLXII; HAGH1                                  |
| NCBI Protein Information         | hydroxyacylglutathione hydrolase, mitochondrial           |
| UniProt Protein Name             | Hydroxyacylglutathione hydrolase, mitochondrial           |
| UniProt Gene Name                | <b>HAGH</b>                                               |
| UniProt Synonym Gene Names       | GLO2; HAGH1; Glx II                                       |
| UniProt Entry Name               | GLO2_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.