

## Rabbit anti-Human, Mouse AGA Polyclonal Antibody | anti-AGA antibody

Anti-AGA Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                          |
|-----------|--------|--------------|-------------------------------------------------------|
| AAA264255 | Rabbit | Human, Mouse | Immunocytochemistry, Immunofluorescence, Western Blot |

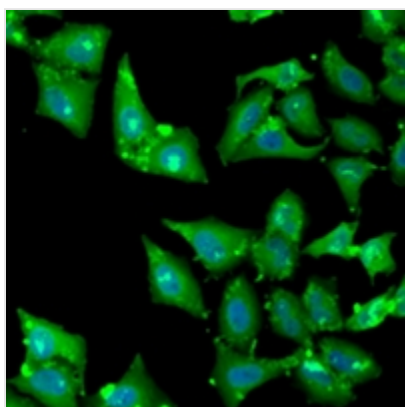
### PRODUCT SYNONYMS

AGA; Polyclonal Antibody; Anti-AGA Antibody; N(4)-(beta-N-acetylglucosaminy)-L-asparaginase; Aspartylglucosaminidase; Glycosylasparaginase; N4-(N-acetyl-beta-glucosaminy)-L-asparagine amidase; anti-AGA antibody

### PRODUCT SPECIFICATIONS

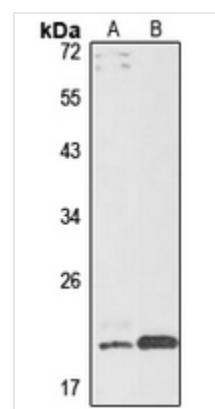
|                                               |                                                                                                           |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                    |
| Reactivity                                    | Human, Mouse                                                                                              |
| Clonality                                     | Polyclonal                                                                                                |
| Specificity                                   | Recognizes endogenous levels of AGA protein.                                                              |
| Purity/Purification                           | 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. |
| Applicable Applications for anti-AGA antibody | ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                                     |
| Immunogen                                     | Recombinant fusion protein of human AGA. The exact sequence is proprietary.                               |
| Preparation and Storage                       | Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.                   |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescent analysis of AGA staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 488-conjugated secondary antibody (green) in PBS at room temperature in the dark.



#### WB (Western Blot)

Western blot analysis of AGA expression in HepG2 (A), mouse pancreas (B) whole cell lysates.

ADDITIONAL INFORMATION

|                                                   |                                   |
|---------------------------------------------------|-----------------------------------|
| Related Product Information for anti-AGA antibody | Rabbit polyclonal antibody to AGA |
|---------------------------------------------------|-----------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 49456391                                                                                                                                                                                                       |
| NCBI GeneID                      | 175                                                                                                                                                                                                            |
| UniProt Accession #              | P20933; Q64191                                                                                                                                                                                                 |
| Molecular Weight                 | 37,208 Da                                                                                                                                                                                                      |
| NCBI Official Full Name          | AGA, partial                                                                                                                                                                                                   |
| NCBI Official Synonym Full Names | aspartylglucosaminidase                                                                                                                                                                                        |
| NCBI Official Symbol             | AGA                                                                                                                                                                                                            |
| NCBI Official Synonym Symbols    | GA; AGU; ASRG                                                                                                                                                                                                  |
| NCBI Protein Information         | N(4)-(beta-N-acetylglucosaminy)-L-asparaginase; N(4)-(beta-N-acetylglucosaminy)-L-asparaginase; glycosylasparaginase; aspartylglucosylamine deaspartylase; N4-(N-acetyl-beta-glucosaminy)-L-asparagine amidase |
| UniProt Protein Name             | N(4)-(beta-N-acetylglucosaminy)-L-asparaginase                                                                                                                                                                 |
| UniProt Gene Name                | AGA                                                                                                                                                                                                            |
| UniProt Entry Name               | ASPG_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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