

## Product datasheet for **TA323763**

### AGA Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1000-5000 WB positive control: Mouse kidney tissue, Mouse testis tissue, Mouse lung tissue, Hela cell, Mouse fetal liver tissue, MCF7 cell, 293T cell lysates IHC: 50-200 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 206-346 amino acids of human aspartylglucosaminidase
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	37 kDa
Gene Name:	aspartylglucosaminidase
Database Link:	<a href="#">NP_000018</a> <a href="#">Entrez Gene 11593 Mouse</a> <a href="#">Entrez Gene 290923 Rat</a> <a href="#">Entrez Gene 175 Human</a> <a href="#">P20933</a>



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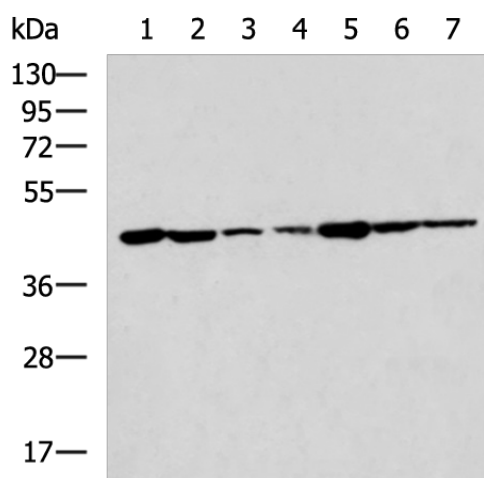
**Background:** Aspartylglucosaminidase is involved in the catabolism of N-linked oligosaccharides of glycoproteins. It cleaves asparagine from N-acetylglucosamines as one of the final steps in the lysosomal breakdown of glycoproteins. The lysosomal storage disease aspartylglucosaminuria is caused by a deficiency in the AGA enzyme. Alternatively spliced transcript variants have been identified.?

**Synonyms:** AGU; ASRG; GA

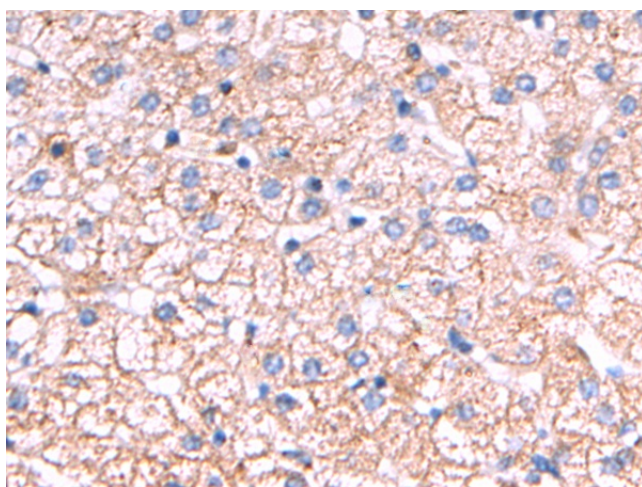
**Protein Families:** Druggable Genome, Protease

**Protein Pathways:** Lysosome, Other glycan degradation

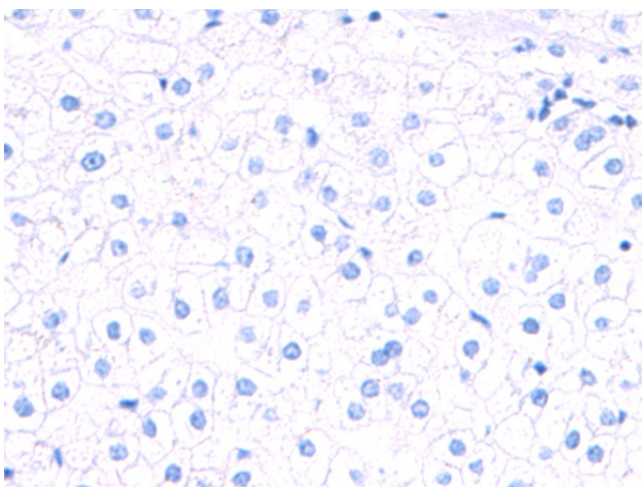
**Product images:**



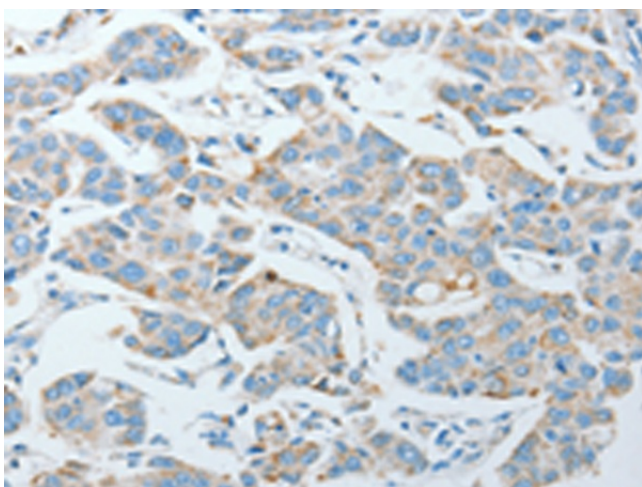
Gel: 10%SDS-PAGE  
 Lysate: 40 µg  
 Lane 1-3: Mouse kidney tissue  
 human testis tissue  
 Human thyroid cancer tissue  
 Primary antibody: TA323763 (AGA Antibody) at dilution 1/100  
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
 Exposure time: 10 seconds



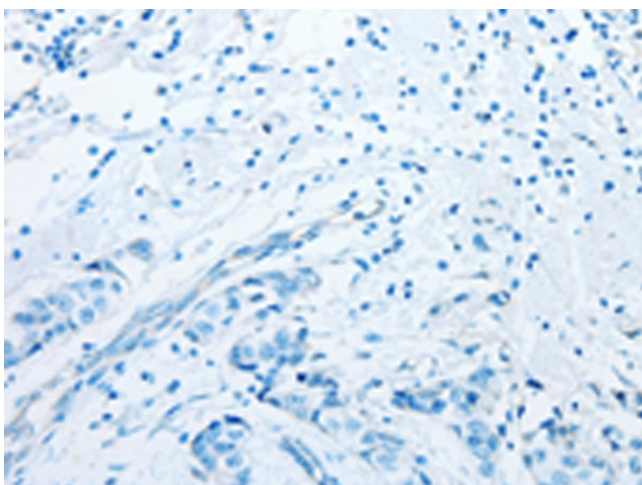
Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA323763 (AGA Antibody) at dilution 1/20 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA323763 (AGA Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA323763 (AGA Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA323763 (AGA Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: ×200)