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# Product datasheet for TA376424S

## GAA Rabbit Polyclonal Antibody

### Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Applications:** | ICC/IF, IP, WB |
| **Recommended Dilution:** | WB,1:500 - 1:2000<br>IF,1:50 - 1:200<br>IP,1:50 - 1:200 |
| **Reactivity:** | Human, Mouse, Rat |
| **Modifications:** | Unmodified |
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Immunogen:** | A synthetic peptide corresponding to a sequence within amino acids 350-450 of human GAA (NP_000143.2). |
| **Formulation:** | PBS with 0.05% proclin300,50% glycerol,pH7.3. |
| **Concentration:** | lot specific |
| **Purification:** | Affinity purification |
| **Conjugation:** | Unconjugated |
| **Storage:** | Store at -20℃. Avoid freeze / thaw cycles. |
| **Stability:** | Shelf life: one year from despatch. |
| **Predicted Protein Size:** | 105kDa |
| **Gene Name:** | glucosidase alpha, acid |
| **Database Link:** | Entrez Gene 2548 Human<br>P10253 |
| **Background:** | This gene encodes lysosomal alpha-glucosidase, which is essential for the degradation of glycogen to glucose in lysosomes. The encoded preproprotein is proteolytically processed to generate multiple intermediate forms and the mature form of the enzyme. Defects in this gene are the cause of glycogen storage disease II, also known as Pompe's disease, which is an autosomal recessive disorder with a broad clinical spectrum. Alternative splicing results in multiple transcript variants. |

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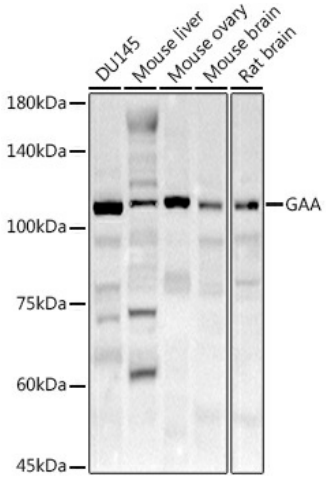
Synonyms: LYAG

## Product images:




Western blot analysis of extracts of various cell lines, using GAA antibody ([TA376424]) at 1:1000 dilution.|Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.|Lysates/proteins: 25ug per lane.|Blocking buffer: 3% nonfat dry milk in TBST.|Detection: ECL Basic Kit .|Exposure time: 60s.