

Product datasheet for TA356469

Gns Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Rat

Rabbit Host:

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide corresponding to a region of Rat

Specificity: Expected reactivity: Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat,

Zebrafish

Homology: Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human:

100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 92%

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Affinity Purified Purification: Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 58kDa

Gene Name: glucosamine (N-acetyl)-6-sulfatase

Database Link: NP 001011989

Entrez Gene 299825 Rat

Q5M918



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



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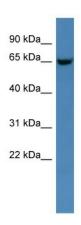
Background: GNS is a lysosomal enzyme found in all cells. It is involved in the catabolism of heparin,

heparin sulphate, and keratan sulphate. Deficiency of this enzyme results in the accumulation of undegraded substrate and the lysosomal storage disorder ucopolysaccharidosis type IIID (Sanfilippo D syndrome). Mucopolysaccharidosis type IIID is the least common of the four

subtypes of Sanfilippo syndrome.

Synonyms: G6S; Glucosamine-6-sulfatase; MGC21274; N-acetylglucosamine-6-sulfatase

Product images:



WB Suggested Anti-Gns Antibody Titration: 0.2-1

ug/ml

ELISA Titer: 1:312500 Positive Control: Rat Heart