

Rabbit NAGS Polyclonal Antibody | anti-NAGS antibody

NAGS Polyclonal Antibody

CATALOG # AAA280858	HOST Rabbit	APPLICATIONS ELISA, Western Blot
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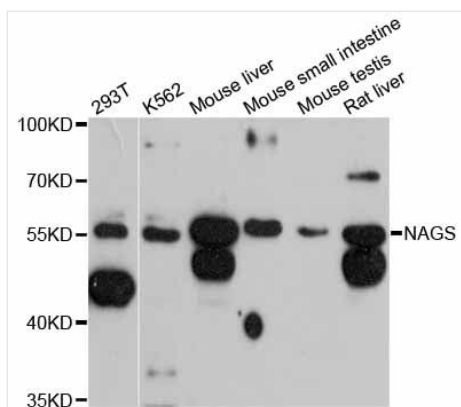
PRODUCT SYNONYMS

NAGS; Polyclonal Antibody; NAGS Polyclonal Antibody; AGAS; ARGAs; anti-NAGS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	534
Applicable Applications for anti-NAGS antibody	ELISA, WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-220 of human TDRD3 (NP_110421.1).
Species/CrossReactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using NAGS antibody at 1:3000 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: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-NAGS antibody	The N-acetylglutamate synthase gene encodes a mitochondrial enzyme that catalyzes the formation of N-acetylglutamate (NAG) from glutamate and acetyl coenzyme-A. NAG is a cofactor of carbamyl phosphate synthetase I (CPSI), the first enzyme of the urea cycle in mammals. This gene may regulate ureagenesis by altering NAG availability and, thereby, CPSI activity. Deficiencies in N-acetylglutamate synthase have been associated with hyperammonemia.
Product Categories/Family for anti-NAGS antibody	Primary antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	74714699
NCBI GeneID	162417
UniProt Accession #	Q8N159; Q8IWR4; B2RAZ9
Molecular Weight	Observed MW: 73kDa calculated MW: 73kDa
NCBI Official Full Name	N-acetylglutamate synthase, mitochondrial
NCBI Official Synonym Full Names	N-acetylglutamate synthase
NCBI Official Symbol	NAGS
NCBI Official Synonym Symbols	AGAS; ARGA
NCBI Protein Information	N-acetylglutamate synthase, mitochondrial
UniProt Protein Name	N-acetylglutamate synthase, mitochondrial
UniProt Gene Name	NAGS

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.