

NAGS Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03755
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human NAGS
Mol wt	58740
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	NAGS
Synonyms	NAGS

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

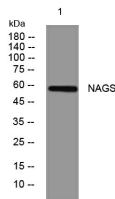
The N-acetylglutamate synthase gene encodes a mitochondrial enzyme that catalyzes the formation of N-acetylglutamate (NAG) from glutamate and acetyl coenzyme-A. NAG is a cofactor of carbamyl phosphate synthetase I (CPSI) the first enzyme of the urea cycle in mammals. This gene may regulate ureagenesis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

Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

Images



Western blot analysis of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year