

Datasheet for ABIN630135 **anti-NAGS antibody (C-Term)**



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	NAGS
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NAGS antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	NAGS antibody was raised using the C terminal of NAGS corresponding to a region with amino acids YLDKFWSSSRQGQSGQMLWECLRRDLQTLFWRSRVTNPINPWYFKHSD
Specificity:	NAGS antibody was raised against the C terminal of NAGS
Purification:	Purified

Target Details

Target:	NAGS
Alternative Name:	NAGS (NAGS Products)
Background:	NAGS is 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. Deficiencies in N-acetylglutamate

Target Details

synthase have been associated with hyperammonemia.

Molecular Weight: 58 kDa (MW of target protein)

Application Details

Application Notes: WB: 1.25 µg/mL

Optimal conditions should be determined by the investigator.

Comment: NAGS Blocking Peptide, catalog no. 33R-10162, is also available for use as a blocking control in assays to test for specificity of this NAGS antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of NAGS antibody in PBS

Concentration: Lot specific

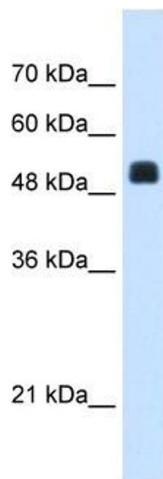
Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



Western Blotting

Image 1. NAGS antibody used at 1.25 ug/ml to detect target protein.