

Anti-ASAH1 Antibody (Monoclonal, 32A87)

Catalog Number: M02055

About ASAH1

The ASAH1 gene encodes in humans the acid ceramidase enzyme. It is mapped to 8p22. This gene encodes a member of the acid ceramidase family of proteins. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed. Processing of this preproprotein generates alpha and beta subunits that heterodimerize to form the mature lysosomal enzyme, which catalyzes the degradation of ceramide into sphingosine and free fatty acid. This enzyme is overexpressed in multiple human cancers and may play a role in cancer progression. Mutations in this gene are associated with the lysosomal storage disorder, Farber lipogranulomatosis, and a neuromuscular disorder, spinal muscular atrophy with progressive myoclonic epilepsy.

Overview

Product Name	Anti-ASAH1 Antibody (Monoclonal, 32A87)
Reactive Species	Human
Description	Boster Bio Anti-ASAH1 Antibody (Monoclonal, 32A87) catalog # M02055. Tested in WB, IHC applications. This antibody reacts with Human.
Application	IHC, WB
Clonality	Monoclonal 32A87
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q13510

Technical Details

Immunogen	Recombinant protein within human ASAH1 aa 3-393.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.

Suggested Dilutions

Western blot, 1:500-2000
Immunohistochemistry, 1:50-200

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Anti-ASAHI Antibody (Monoclonal, 32A87)

For Research Use Only. Not for use in diagnostic procedures.