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**Product Name: Acid sphingomyelinase Rabbit Monoclonal Antibody****Catalog #: AMRe87490**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000
<b>Molecular Weight</b>	Calculated MW:70 kDa; Observed MW:70 kDa

**Antigen Information**

<b>Gene Name</b>	Acid sphingomyelinase
<b>Alternative Names</b>	ASM; NPD; ASMASE
<b>Gene ID</b>	6609
<b>SwissProt ID</b>	P17405
<b>Immunogen</b>	Recombinant protein of human Acid sphingomyelinase

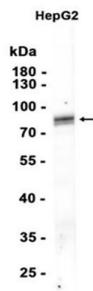
**Background**

The protein encoded by this gene is a lysosomal acid sphingomyelinase that converts sphingomyelin to ceramide. The encoded protein also has phospholipase C activity. Defects in this gene are a cause of Niemann-Pick disease type A (NPA) and Niemann-

Pick disease type B (NPB). Multiple transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2010]

## Research Area

## Image Data



Western blot analysis of extracts from HepG2 cells using Acid sphingomyelinase Rabbit Monoclonal Antibody at 1:1000.