

Polyclonal Antibody to Asialoganglioside GM2 - Purified

Alternate names:	Asialo GM2, GA2
Catalog No.:	BP283
Quantity:	1 ml
Concentration:	1.6 mg/ml (by OD280)
Background:	Alpha2-HS glycoprotein (AHS), a glycoprotein present in the serum, is synthesized by hepatocytes. The AHS molecule consists of two polypeptide chains, which are both cleaved from a proprotein encoded from a single mRNA. It is involved in several functions, such as endocytosis, brain development and the formation of bone tissue. The protein is commonly present in the cortical plate of the immature cerebral cortex and bone marrow hemopoietic matrix, and it has therefore been postulated that it participates in the development of the tissues. However, its exact significance is still obscure. It promotes endocytosis, possesses opsonic properties and influences the mineral phase of bone. It shows affinity for calcium and barium ions.
Host:	Rabbit
Immunogen:	Native, from brain
Format:	State: Liquid Ig fraction Purification: Ammonium Sulphate fractionation Buffer System: PBS, pH 7.2, 0.09 % Sodium Azide
Applications:	ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects Asialo GM2. Species: Bovine. Other species not tested.
Storage:	Store the antibody at -20 °C. Ship at 2 - 8 °C. Avoid repeated freezing and thawing. Shelf life: One year from despatch.
Product Citations:	Purchased from Acris: 1. Willenborg M, Schmidt CK, Braun P, Landgrebe J, von Figura K, Saftig P, et al. Mannose 6-phosphate receptors, Niemann-Pick C2 protein, and lysosomal cholesterol accumulation. J Lipid Res. 2005 Dec;46(12):2559-69. Epub 2005 Sep 21. PubMed PMID: 16177447.