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Product datasheet for AP17434PU-N

GNS Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot: 1:50 - 1:100. ELISA: 1:1,000.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide selected from the Center region of human GNS
Specificity:	This antibody detects GNS at Center, N189.
Formulation:	PBS with 0.09% (W/V) sodium azide State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS
Conjugation:	Unconjugated
Storage:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	glucosamine (N-acetyl)-6-sulfatase
Database Link:	Entrez Gene 2799 Human P15586
Background:	GNS is a lysosomal enzyme found in all cells. It is involved in the catabolism of heparin, heparan sulphate, and keratan sulphate. Deficiency of this enzyme results in the accumulation of undegraded substrate and the lysosomal storage disorder mucopolysaccharidosis type IIID (Sanfilippo D syndrome). Mucopolysaccharidosis type IIID is the least common of the four subtypes of Sanfilippo syndrome.
Synonyms:	Glucosamine-6-sulfatase
Note:	Molecular weight: 62082 Da

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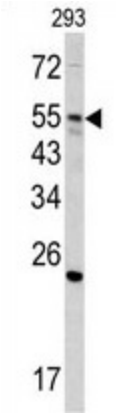
Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Glycosaminoglycan degradation, Lysosome, Metabolic pathways

Product images:



Western blot analysis of GNS antibody (Center N189) in 293 cell line lysates (35 ug/lane). GNS (arrow) was detected using the purified Pab.