

GNS Polyclonal Antibody

Catalog No: #30947

Package Size: #30947-1 50ul #30947-2 100ul

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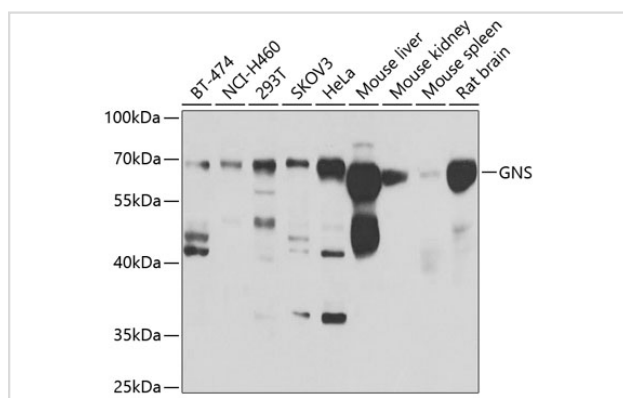
Description

Product Name	GNS Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human GNS (NP_002067.1).
Other Names	GNS; G6S; N-acetylglucosamine-6-sulfatase
Accession No.	Swiss-Prot#:P15586NCBI Gene ID:2799
Uniprot	P15586
GeneID	2799;
Calculated MW	62kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

Application Details

WB 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using GNS at 1:1000 dilution.

Background

The product of this gene 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.

Note: This product is for in vitro research use only