

Anti-CD57 / HNK1 Antibody (aa35-84)

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS18091

Product Information

Application	IHC-P, E
Primary Accession	Q9P2W7
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	38256

Additional Information

Gene ID	27087
Alias Symbol	B3GAT1
Other Names	B3GAT1, CD57, CD57 antigen, GlcAT-P, GLCUATP, Glucuronosyltransferase P, HNK-1, HNK1, LEU7, GLCATP, NK-1, NK1, LEU7 antigen, GlcUAT-P
Target/Specificity	CD57 antibody detects endogenous levels of CD57.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-CD57 / HNK1 Antibody (aa35-84) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	B3GAT1 (HGNC:921)
Synonyms	GLCATP
Function	Involved in the biosynthesis of L2/HNK-1 carbohydrate epitope on glycoproteins. Can also play a role in glycosaminoglycan biosynthesis. Substrates include asialo-orosomucoid (ASOR), asialo- fetuin, and asialo-neural cell adhesion molecule. Requires sphingomyelin for activity: stearyl-sphingomyelin was the most effective, followed by palmitoyl-sphingomyelin and lignoceroyl- sphingomyelin. Activity was demonstrated only for sphingomyelin with a saturated fatty acid and not for that with an unsaturated fatty acid, regardless of the length of the acyl group.
Cellular Location	[Isoform 1]: Golgi apparatus membrane {ECO:0000250 UniProtKB:O35789}; Single-pass type II membrane protein {ECO:0000250 UniProtKB:O35789}. Secreted {ECO:0000250 UniProtKB:O35789}

Tissue Location	Mainly expressed in the brain.
------------------------	--------------------------------

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.