

For Research Use Only

SIAE Polyclonal antibody, PBS Only

Catalog Number: 14566-1-PBS



Basic Information

Catalog Number: 14566-1-PBS	GenBank Accession Number: BC068450	Purification Method: Antigen affinity purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 54414	
Source: Rabbit	UNIPROT ID: Q9HAT2	
Isotype: IgG	Full Name: sialic acid acetyltransferase	
Immunogen Catalog Number: AG6143	Calculated MW: 58 kDa	
	Observed MW: 62-70 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

Background Information

Sialic acids as terminal sugars of N- and O-glycosylated macromolecules are decisive for the functions of glycoconjugates both in soluble form and integrated into cell membranes. The two enzymes responsible for acetylation and de-acetylation have been described as sialate O-acetyltransferase (SOAT) and sialate O-acetyltransferase (SIAE), respectively. SIAE deacetylates α(2-6)-linked sialic acid on N-linked glycans of BCR, allowing the interaction with CD22, that functions in vivo as an inhibitor of BCR signaling. (PMID: 26022516)

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

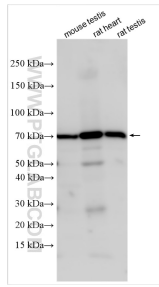
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 14566-1-AP (SIAE antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 14566-1-PBS in a different storage buffer formulation.