

For Research Use Only

EXTL3 Polyclonal antibody, PBS Only

Catalog Number:10588-1-PBS



Basic Information

Catalog Number: 10588-1-PBS	GenBank Accession Number: BC006363	Purification Method: Antigen affinity purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 2137	
Source: Rabbit	UNIPROT ID: O43909	
Isotype: IgG	Full Name: exostoses (multiple)-like 3	
Immunogen Catalog Number: AG0936	Calculated MW: 105 kDa	
	Observed MW: 105 kDa	

Applications

Tested Applications:
IP, ELISA

Species Specificity:
human, mouse

Background Information

Exostosin like glycosyltransferase 3 (EXTL3), also known as RPR, is located at chromosome 8p21.1 and composed of 919 amino acids, making it the longest member of the EXT family (PMID: 35676258). EXTL3 encodes the glycosyltransferases responsible for the biosynthesis of the backbone structure of heparan sulfate (HS) (PMID: 24128412). EXTL3 has been identified as a receptor molecule for regenerating islet-derived (REG) protein ligands, which have been shown to stimulate islet β -cell growth. Mutations in EXTL3 could lead to skeletal dysplasia, developmental delay, and severe immune deficiency (PMID: 28148688). The predicted molecular weight is 105 kDa, but we detected the band at 65 kDa perhaps due to alternative splicing (PMID: 14618397).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

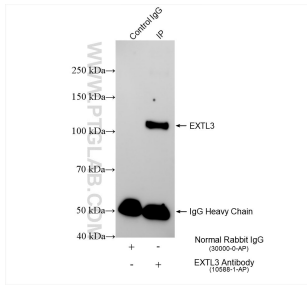
For technical support and original validation data for this product please contact:

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

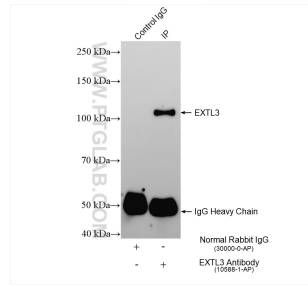
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



IP result of anti-EXTL3 (IP:10588-1-AP, 4ug; Detection:10588-1-AP 1:1000) with mouse pancreas tissue lysate 3200 ug. This data was developed using the same antibody clone with 10588-1-PBS in a different storage buffer formulation.



IP result of anti-EXTL3 (IP:10588-1-AP, 4ug; Detection:10588-1-AP 1:1000) with HEK-293T cells lysate 1840 ug. This data was developed using the same antibody clone with 10588-1-PBS in a different storage buffer formulation.