## For Research Use Only

## iduronate 2 sulfatase Polyclonal antibody

Catalog Number:17140-1-AP



<b>Basic Information</b>	Catalog Number: 17140-1-AP	GenBank Accession Number: BC006170	Purification Method: Antigen affinity purification
	Size: 170 µg/ml	GenelD (NCBI): 3423	
	Source: Rabbit	UNIPROT ID: P22304	
	Isotype: IgG	Full Name: iduronate 2-sulfatase	
	Immunogen Catalog Number: AG10904	Calculated MW: 312aa,35 kDa; 550aa,62 kDa	
Applications	Tested Applications: ELISA		
	Species Specificity: human, mouse, rat		
Background Information	Iduronate 2-sulfatase (IDS) is required for the lysosomal degradation of heparan sulfate and dermatan sulfate. Mutations causing IDS deficiency in humans result in the lysosomal storage of these glycosaminoglycans and Hunter syndrome, an X chromosome-linked disease. IDS is synthesized as two precursor forms of 76 and 90 kDa that are converted, through a 62 kDa intermediate, to 55 and 45 kDa mature polypeptides due to an internal proteolytic cleavage (PMID: 10838181).		
Storage	Storage: Store at -20°C. Stable for one year a Storage Buffer: PBS with 0.02% sodium azide and 5 Aliquoting is unnecessary for -20°C	0% glycerol pH 7.3.	

For technical support and original validation data for this product please contact:T: 4006900926E: Proteintech-CN@ptglab.comW: ptgcn.com

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