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anti-CTBS antibody (AA 1-100) (Biotin)



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Quantity:	100 μL	
Target:	CTBS	
Binding Specificity:	AA 1-100	
Reactivity:	Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This CTBS antibody is conjugated to Biotin	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CTBS	
Isotype:	IgG	
Cross-Reactivity:	Mouse	
Predicted Reactivity:	Human,Rat	
Purification:	Purified by Protein A.	

Target Details

Target:	CTBS
Alternative Name:	CTBS (CTBS Products)

Target Details

Background:	Synonyms: Chitobiase di N acetyl, CTB, Di N acetylchitobiase, OTTHUMP00000011570,
	DIAC_HUMAN.
	Background: CTBS is an evolutionarily conserved member of the glycosyl hydrolase 18 family
	of proteins. Localizing to the lysosome, CTBS plays a role in the degradation of asparagine-
	linked (Asn-linked) glycoproteins. Glycoproteins are translocated to lysosomes via endocytosis
	or autophagy where they are broken down by proteases and glycosidases. The catabolism of
	glycoproteins is an important step in the regular turnover of cellular contents and in maintaining
	the homeostasis of glycosylation. CTBS functions as a glycosidase that cleaves the reducing
	end GlcNAc from the core chitobiase unit of oligosaccharides. Before this reaction can occur,
	AGA (the lysosomal glycosylasparaginase) must first remove the Asn from the Asn-linked
	glycoprotein to expose the reducing end GlcNAc, thereby allowing CTBS to access the exposed
	moiety.
Gene ID:	1486
Application Details	
	WP 4 000 5000
Application Notes:	WB 1:300-5000
	IHC-P 1:200-400
	IHC-F 1:100-500
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and
	50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
	handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months