

CTBS Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP22194c

Product Information

Application	WB, E
Primary Accession	Q01459
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB55137
Calculated MW	43760

Additional Information

Gene ID	1486
Other Names	Di-N-acetylchitobiase, 3.2.1.-, CTBS, CTB
Target/Specificity	This CTBS antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 141-172 amino acids from the Central region of human CTBS.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CTBS Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CTBS
Synonyms	CTB
Function	Involved in the degradation of asparagine-linked glycoproteins. Hydrolyze of N-acetyl-beta-D-glucosamine (1-4)N- acetylglucosamine chitobiose core from the reducing end of the bond, it requires prior cleavage by glycosylasparaginase.

Background

Involved in the degradation of asparagine-linked glycoproteins. Hydrolyze of N-acetyl-beta-D-glucosamine (1-4)N- acetylglucosamine chitobiose core from the reducing end of the bond, it requires prior cleavage by glycosylasparaginase.

References

Fisher K.J.,et al.J. Biol. Chem. 267:19607-19616(1992).

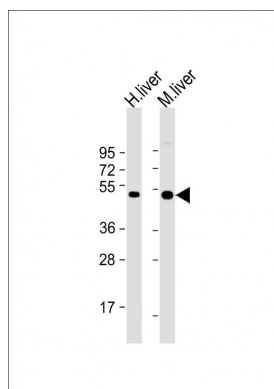
Liu B.,et al.Glycobiology 9:589-593(1999).

Gregory S.G.,et al.Nature 441:315-321(2006).

Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

Chen R.,et al.J. Proteome Res. 8:651-661(2009).

Images



All lanes : Anti-CTBS Antibody (Center) at 1:2000 dilution
Lane 1: human liver lysate Lane 2: mouse liver lysate
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 44 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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