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MANBA Rabbit pAb

Catalog # AP97076

Product Information

Application	WB
Primary Accession	O00462
Other Accession	O00462
Reactivity	Human
Predicted	Rat, Mouse, Rabbit, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	100895
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MANBA
Epitope Specificity	601-700/879
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the glycosyl hydrolase 2 family.
DISEASE	Defects in MANBA are the cause of a mild disorder that affects peripheral and central nervous system myelin. Mannosidosis, beta A, lysosomal
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	4126
Other Names	MANB1; MANBA_HUMAN; MANBA; Lysosomal beta A mannosidase; Mannanase (Mannase); 3.2.1.25; mannosidase beta; mannosidase, beta A, lysosomal; beta-mannosidase A
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	MANBA
Synonyms	MANB1
Function	Exoglycosidase that cleaves the single beta-linked mannose residue from the non-reducing end of all N-linked glycoprotein oligosaccharides.

Cellular Location	Lysosome.
Tissue Location	Ubiquitous. Detected in pancreas, kidney and placenta, ands at lower levels in liver, lung, brain, heart and muscle

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