



PPGB (20k, Cleaved-Met327) rabbit pAb

Cat No.:ES20021

For research use only

Overview

Product Name	PPGB (20k, Cleaved-Met327) rabbit pAb
Host species	Rabbit
Applications	WB;IHC
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	WB 1:500-2000;IHC-p 1:50-300
Immunogen	Synthesized peptide derived from human PPGB (20k, Cleaved-Met327)
Specificity	This antibody detects endogenous levels of Human,Mouse PPGB (20k, Cleaved-Met327, protein was cleaved amino acid sequence between 326-327)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	PPGB (20k, Cleaved-Met327)
Gene Name	CTSA PPGB
Cellular localization	Lysosome.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	20 52kD
Human Gene ID	5476
Human Swiss-Prot Number	P10619
Alternative Names	Lysosomal protective protein (EC 3.4.16.5;Carboxypeptidase C;Carboxypeptidase L;Cathepsin A;Protective protein cathepsin A;PPCA;Protective protein for beta-galactosidase) [Cleaved into: Lysosomal protective protein 32 kDa chain; Lysosomal protective prote catalytic activity:Release of a C-terminal amino acid with broad specificity.,disease:Defects in CTSA are
Background	





the cause of galactosialidosis [MIM:256540]. It is an autosomal recessive disease.,function:Protective protein appears to be essential for both the activity of beta-galactosidase and neuraminidase, it associates with these enzymes and exerts a protective function necessary for their stability and activity. This protein is also a carboxypeptidase and can deamidate tachykinins.,similarity:Belongs to the peptidase S10 family.,subunit:Heterodimer of a 32 kDa chain and a 20 kDa chain; disulfide-linked.,

Immunohistochemical analysis of paraffin-embedded human uterus. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

