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Anti-Cathepsin A 20k Antibody

Catalog # AP60146

Product Information

Application	WB
Primary Accession	P10619
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54466

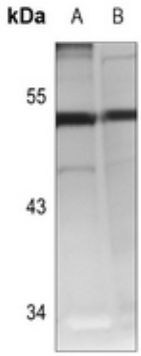
Additional Information

Gene ID	5476
Other Names	PPGB; Lysosomal protective protein; Carboxypeptidase C; Carboxypeptidase L; Cathepsin A; Protective protein cathepsin A; PPCA; Protective protein for beta-galactosidase
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Cathepsin A 20k. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	CTSA (HGNC:9251)
Synonyms	PPGB
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 (PubMed:1907282). Also functions as an activator of the sialidase NEU1 (PubMed:37205763). This protein is also a carboxypeptidase and can deamidate tachykinins (PubMed:1694176, PubMed:1756715, PubMed:1907282).
Cellular Location	Lysosome.

Images



Western blot analysis of Cathepsin A 20k expression in rat liver (A), mouse kidney (B) whole cell lysates. (Predicted band size: 54 kD; Observed band size: 54 kD)

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