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Cleaved-Cathepsin A 32k (R326) Polyclonal Antibody

Catalog # AP63109

Product Information

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

Additional Information

Gene ID	5476
Other Names	CTSA; PPGB; Lysosomal protective protein; Carboxypeptidase C; Carboxypeptidase L; Cathepsin A; Protective protein cathepsin A; PPCA; Protective protein for beta-galactosidase
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

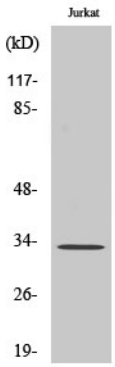
Name	CTSA (HGNC:9251)
Synonyms	PPGB
Function	Protective protein appears to be essential for both the activity of beta-galactosidase and neuraminidase, it associates with these enzymes and exerts a protective function necessary for their stability and activity (PubMed:1907282). Also functions as an activator 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.

Background

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.

Images



Western Blot analysis of various cells using
Cleaved-Cathepsin A 32k (R326) Polyclonal Antibody

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