

Cleaved-Cathepsin A 32k (R326) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01907
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human PPGB. AA range:277-326
Mol wt	54466
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Cleaved-Cathepsin A 32k (R326) Antibody
Synonyms	CTSA; PPGB; Lysosomal protective protein; Carboxypeptidase C; Carboxypeptidase L; Cathepsin A; Protective protein cathepsin A; PPCA; Protective protein for beta-galactosidase

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

CTSA encodes a member of the peptidase S10 family of serine carboxypeptidases. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate two chains that comprise the heterodimeric active enzyme. Cathepsin A possesses deamidase, esterase and carboxypeptidase activities and acts as a scaffold in the lysosomal multienzyme complex. Mutations in CTSA are associated with galactosialidosis.

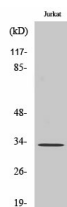
Recommended Dilution

WB: 1: 500 - 1: 2000

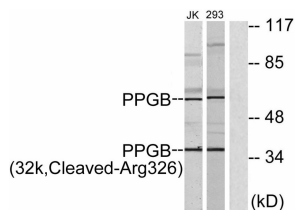
ELISA: 1: 10000

Not yet tested in other applications.

Images



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



Western blot analysis of lysates from 293 and Jurkat cells, treated with etoposide 25uM 1h, using PPGB (32k, Cleaved-Arg326) Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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