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Cleaved-Cathepsin C HC (R394) Polyclonal Antibody

Cat #: ABP50026 Size: 30µl /100µl /200µl

Product Information

	Product Name: Cleaved-Cathepsin C HC (R394) Polyclonal Antibody		
	Applications: WB, ELISA		Isotype: Rabbit IgG
	Reactivity: Human		
REF	Catalog Number: ABP50026	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
ĵy	Storage: Store at -20°C. Avoid repeated	Λ	Note: Contain sodium azide.
1	freeze / thaw cycles.	<u>د: ۲</u>	

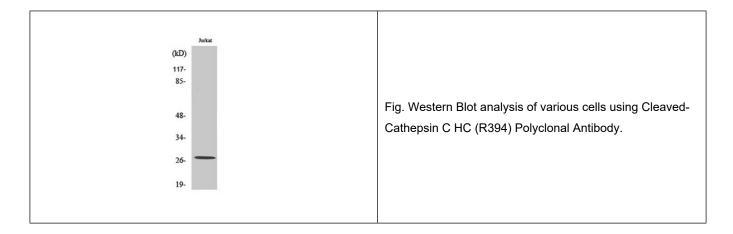
<u>Background</u>: CTSC encodes a member of the peptidase C1 family and lysosomal cysteine proteinase that appears to be a central coordinator for activation of many serine proteinases in cells of the immune system. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate heavy and light chains that form a disulfide-linked dimer. A portion of the propeptide acts as an intramolecular chaperone for the folding and stabilization of the mature enzyme. Cathepsin Crequires chloride ions for activity and can degrade glucagon. Defects in the cathepsin C have been shown to be a cause of Papillon-Lefevre syndrome, an autosomal recessive disorder characterized by palmoplantar keratosis and periodontitis.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:20000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.





Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.

