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CTRC Rabbit pAb

Catalog # AP96616

Product Information

Application	WB
Primary Accession	Q99895
Other Accession	Q99895
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29484
Physical State	Liquid
Immunogen	Recombinant human CTRC protein
Epitope Specificity	30-268/268
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the peptidase S1 family. Elastase subfamily.
DISEASE	Variations in CTRC influence susceptibility to chronic pancreatitis [MIM:167800]. Chronic pancreatitis is a persistent inflammatory disorder characterized by permanent destruction of the pancreatic parenchyma.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of the peptidase S1 family. The encoded protein is a serum calcium-decreasing factor that has chymotrypsin-like protease activity. Alternatively spliced transcript variants have been observed, but their full-length nature has not been determined. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	11330
Other Names	CLCR; ELA4; 1810044E12Rik; caldecrin; CTRC_HUMAN; CTRC; 3.4.21.2; CTRC_MOUSE; chymotrypsin C; chymotrypsin C (caldecrin); elastase 4; chymotrypsinogen C
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	CTRC

Synonyms	CLCR
Function	Regulates activation and degradation of trypsinogens and procarboxypeptidases by targeting specific cleavage sites within their zymogen precursors. Has chymotrypsin-type protease activity and hypocalcemic activity.
Tissue Location	Pancreas.

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