

Rabbit CTSC Polyclonal Antibody | anti-CTSC antibody

CTSC Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA166794	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

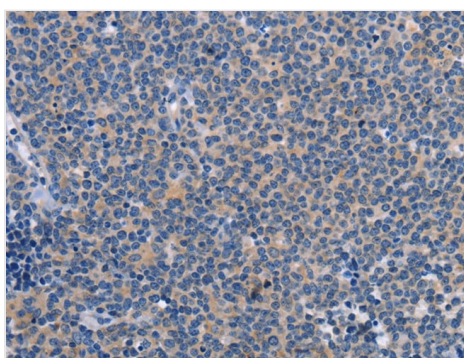
PRODUCT SYNONYMS

CTSC; Polyclonal Antibody; CTSC Polyclonal Antibody; JP; HMS; JPD; PLS; CPPI; DPP1; DPPI; PALS; DPP-I; PDON1; anti-CTSC antibody

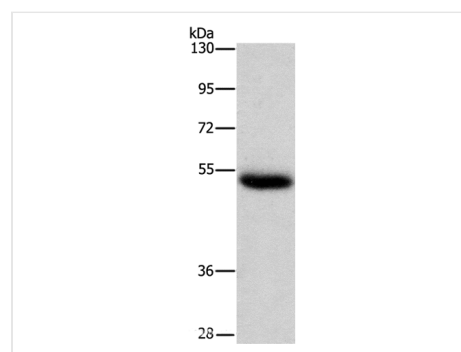
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.1mg/mL (varies by lot)
Sequence Length	141
Applicable Applications for anti-CTSC antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human CTSC
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human Lymphoma using CTSC Polyclonal Antibody at dilution of 1:25


WB (Western Blot)

Western Blot analysis of Human placenta tissue using CTSC Polyclonal Antibody at dilution of 1:350

ADDITIONAL INFORMATION

Related Product Information for anti-CTSC antibody	The protein encoded by this gene, a member of the peptidase C1 family, is a lysosomal cysteine proteinase that appears to be a central coordinator for activation of many serine proteinases in immune/inflammatory cells. It is composed of a dimer of disulfide-linked heavy and light chains, both produced from a single protein precursor, and a residual portion of the propeptide acts as an intramolecular chaperone for the folding and stabilization of the mature enzyme. This enzyme requires chloride ions for activity and can degrade glucagon. Defects in the encoded protein have been shown to be a cause of Papillon-Lefevre syndrome, an autosomal recessive disorder characterized by palmoplantar keratosis and periodontitis.
Product Categories/Family for anti-CTSC antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	88683003
NCBI GeneID	1075
Molecular Weight	15,700 Da
NCBI Official Full Name	CTSC protein
NCBI Official Synonym Full Names	cathepsin C
NCBI Official Symbol	CTSC
NCBI Official Synonym Symbols	JP; HMS; JPD; PLS; CPPI; DPP1; DPPI; PALS; DPP-I; PDON1
NCBI Protein Information	dipeptidyl peptidase 1; cathepsin J; dipeptidyl peptidase I; dipeptidyl transferase; dipeptidyl-peptidase I
UniProt Protein Name	Dipeptidyl peptidase 1
UniProt Gene Name	CTSC
UniProt Synonym Gene Names	CPPI; DPP-I; DPPI
UniProt Entry Name	CATC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ctsc-antibody-immunohistochemistry-western-blot-elisa/166794>