

Rabbit CTSA Polyclonal Antibody | anti-CTSA antibody

CTSA Polyclonal Antibody

CATALOG # AAA279615	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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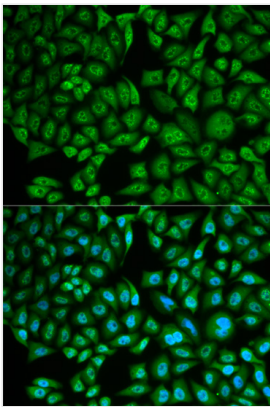
PRODUCT SYNONYMS

CTSA; Polyclonal Antibody; CTSA Polyclonal Antibody; GSL; GLB2; NGBE; PPCA; PPGB; anti-CTSA antibody

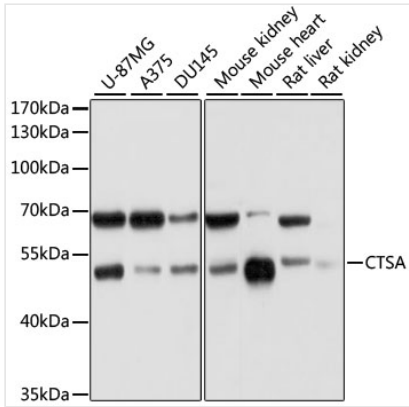
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	480
Applicable Applications for anti-CTSA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human CTSA
Calculated Molecular Weight	54kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of MCF-7 cells using CTSA antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using CTSA antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.

ADDITIONAL INFORMATION

Related Product Information for anti-CTSA antibody	This gene encodes a glycoprotein which associates with lysosomal enzymes beta-galactosidase and neuraminidase to form a complex of high molecular weight multimers. The formation of this complex provides a protective role for stability and activity. Deficiencies in this gene are linked to multiple forms of galactosialidosis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-CTSA antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	20178316
NCBI GeneID	5476
UniProt Accession #	P10619; Q561W6; Q5JZH1; Q96KJ2; Q9BR08; Q9BW68; B2R798
Molecular Weight	480
NCBI Official Full Name	Lysosomal protective protein
NCBI Official Synonym Full Names	cathepsin A
NCBI Official Symbol	CTSA
NCBI Official Synonym Symbols	GSL; GLB2; NGBE; PPCA; PPGB
NCBI Protein Information	lysosomal protective protein; deamidase; urinary kininase; carboxypeptidase C; carboxypeptidase L; carboxypeptidase-L; beta-galactosidase 2; lysosomal carboxypeptidase A; protective protein cathepsin A; carboxypeptidase Y-like kininase; beta-galactosidase protective protein
UniProt Protein Name	Lysosomal protective protein
UniProt Gene Name	CTSA
UniProt Synonym Gene Names	PPGB; PPCA
UniProt Entry Name	PPGB_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.

