

Rabbit anti-Human, Rat CTSK Polyclonal Antibody | anti-CTSK antibody

CTSK Antibody

CATALOG # AAA118348	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
-------------------------------	-----------------------	---------------------------------	--

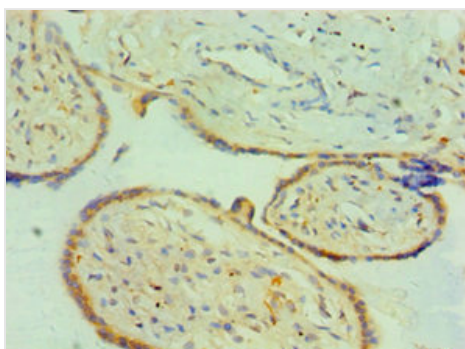
PRODUCT SYNONYMS

CTSK; Polyclonal Antibody; CTSK Antibody; Cathepsin O; Cathepsin O2; Cathepsin X; CTSO; CTSO2; anti-CTSK antibody

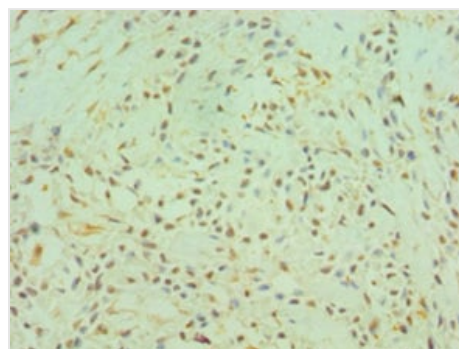
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	329
Applicable Applications for anti-CTSK antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Cathepsin K protein (115-329aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-6506 / sc-6507 / sc-6499 / sc-30056
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

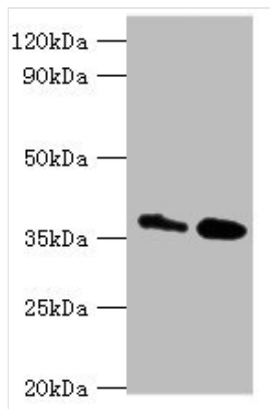
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta tissue using AAA118348 at dilution 1:100


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using AAA118348 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: CTSK antibody at 8ug/mlLane 1:MCF-7 whole cell lysateLane 2:Rat brain tissueSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 37kDaObserved band size: 37kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CTSK antibody	Closely involved in osteoclastic bone resorption and may participate partially in the disorder of bone remodeling. Displays potent endoprotease activity against fibrinogen at acid pH. May play an important role in extracellular matrix degradation.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503151
NCBI GeneID	1513
NCBI Accession #	NP_000387.1
NCBI GenBank Nucleotide #	NM_000396.3
UniProt Accession #	P43235; Q6FHS6
Molecular Weight	36,966 Da
NCBI Official Full Name	cathepsin K preproprotein
NCBI Official Synonym Full Names	cathepsin K
NCBI Official Symbol	CTSK
NCBI Official Synonym Symbols	CTSO; PKND; PYCD; CTSO2; CTSO1; CTSO2
NCBI Protein Information	cathepsin K
UniProt Protein Name	Cathepsin K
UniProt Gene Name	CTSK
UniProt Synonym Gene Names	CTSO; CTSO2
UniProt Entry Name	CATK_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.