

CTSK Antibody

Catalog No: #43232

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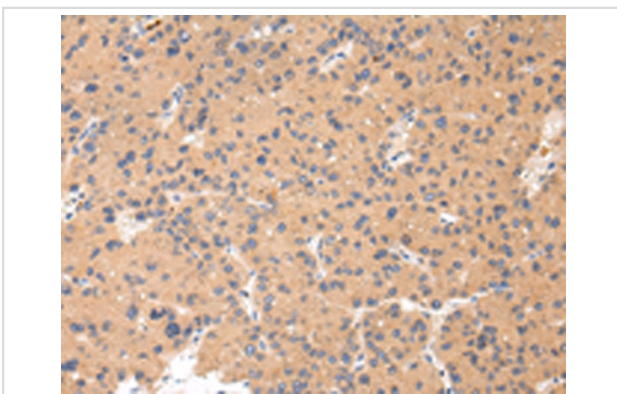
Description

Product Name	CTSK Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CTSK protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human CTSK
Target Name	CTSK
Other Names	CTSO; PKND; PYCD; CTS02; CTSO1; CTSO2
Accession No.	Swiss-Prot#: P43235 Gene ID: 1513
Uniprot	P43235
GeneID	1513;
Concentration	1.1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:25-1:100

Images



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #43232 at dilution 1/20,

Background

The protein encoded by this gene is a lysosomal cysteine proteinase involved in bone remodeling and resorption. This protein, which is a member of the peptidase C1 protein family, is predominantly expressed in osteoclasts. However, the encoded protein is also expressed in a significant fraction of human breast cancers, where it could contribute to tumor invasiveness. Mutations in this gene are the cause of pycnodysostosis, an autosomal recessive disease characterized by osteosclerosis and short stature.

Note: This product is for in vitro research use only