

CTSK antibody

Catalog No: #38297

Package Size: #38297-1 50ul #38297-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

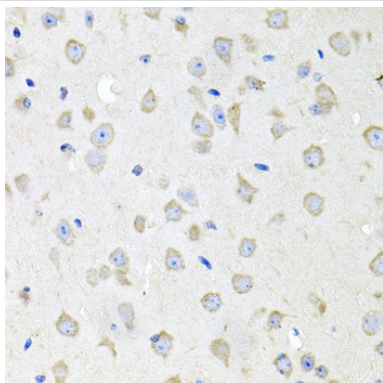
Product Name	CTSK antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total CTSK protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human CTSK (NP_000387.1).
Target Name	CTSK
Other Names	CTSK;CTS02;CTSO;CTSO1;CTSO2;PKND;PYCD
Accession No.	Uniprot:P43235GeneID:1513
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GeneID	1513
Calculated MW	37KDa
SDS-PAGE MW	37-39KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

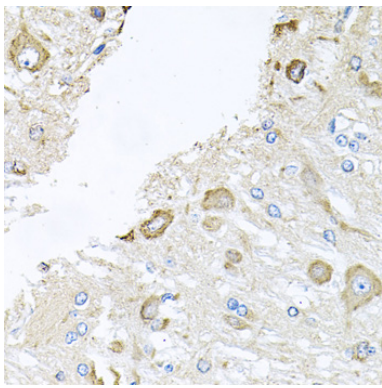
WB□1:500 - 1:2000

IHC□1:50 - 1:100

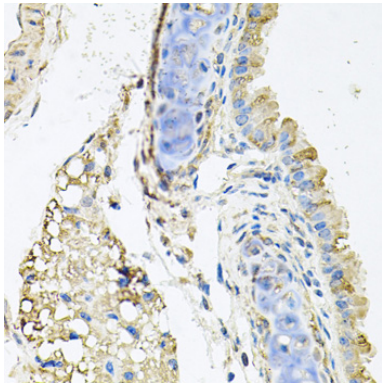
Images



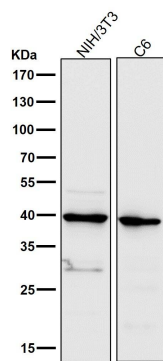
Immunohistochemistry of paraffin-embedded mouse brain using CTSK antibody.



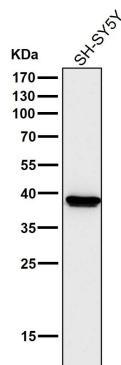
Immunohistochemistry of paraffin-embedded rat brain using CTSK antibody.



Immunohistochemistry of paraffin-embedded mouse lung using CTSK antibody.



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



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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