

CTSS Antibody

Catalog No: #43650

Package Size: #43650-1 50ul #43650-2 100ul

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

Description

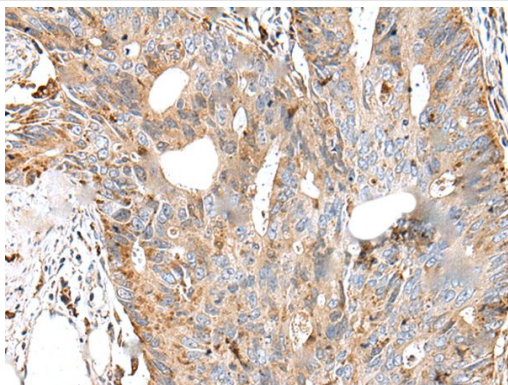
Product Name	CTSS Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC WB
Species Reactivity	Human;Mouse
Specificity	The antibody detects endogenous levels of total CTSS protein.
Immunogen Description	Synthetic peptide of human CTSS
Conjugates	Unconjugated
Target Name	CTSS
Accession No.	Swiss-Prot#: P25774NCBI Gene ID: 1520
Concentration	0.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

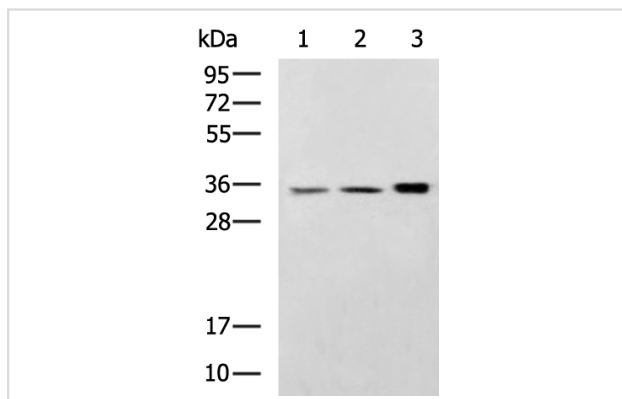
WBoO 500-2000

Immunohistochemistry: 1: 20-100

Images



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using CTSS Antibody at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: x200)



Gel: 12%SDS-PAGE, Lysate: 40 μ g, Lane 1-3: Jurkat, 231 cell, Mouse brain tissue lysates, Primary antibody: CTSS Antibody at dilution 1/1000, Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution, Exposure time: 3 minutes

Background

The protein encoded by this gene, a member of the peptidase C1 family, is a lysosomal cysteine proteinase that may participate in the degradation of antigenic proteins to peptides for presentation on MHC class II molecules. The encoded protein can function as an elastase over a broad pH range in alveolar macrophages. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.?

Published Papers

Xiao-Ting Luo;Hui-Rong Hu;Zhen-Dong Sun;Li-Hong Zhang;Yan Li et al., Multi-omics analysis reveals that low cathepsin S expression aggravates sepsis progression and worse prognosis via inducing monocyte polarization., , (2025)

[PMID:40115073](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.