Product datasheet for TA367406S

Cathepsin S (CTSS) Rabbit Polyclonal Antibody

Product data:

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Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000
	WB positive control: Jurkat, 231 cell, Mouse brain tissue lysates
	IHC: 50-100
	Positive control: Human liver cancer
	Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human CTSS
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	37 kDa
Gene Name:	cathepsin S
Database Link:	Entrez Gene 1520 Human
	P25774
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.
Synonyms:	MGC3886

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Product images:
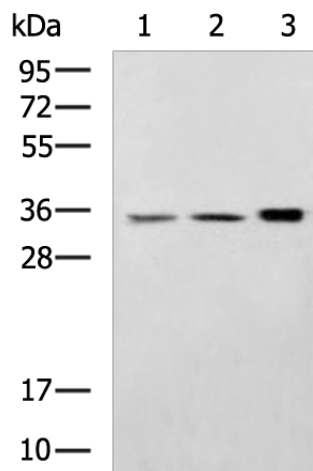
Gel: 12%SDS-PAGE
Lysate: 40 µg
Lane 1-3: Jurkat
231 cell
Mouse brain tissue lysates
Primary antibody: [TA367406] (CTSS Antibody) at dilution 1/1000
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 3 minutes
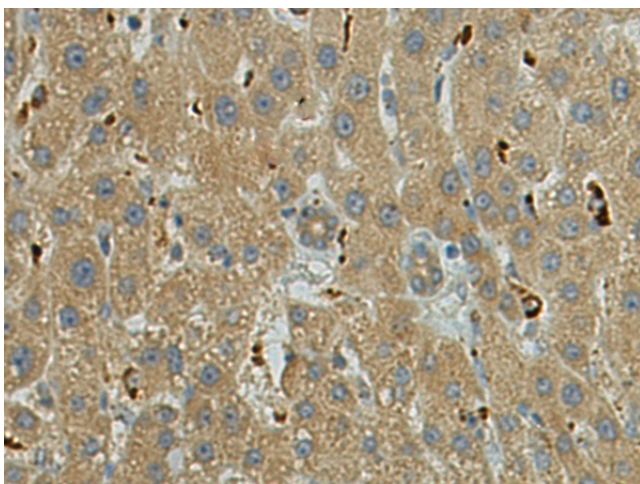
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA367406] (CTSS Antibody) at dilution 1/40 (Original magnification: ×200)
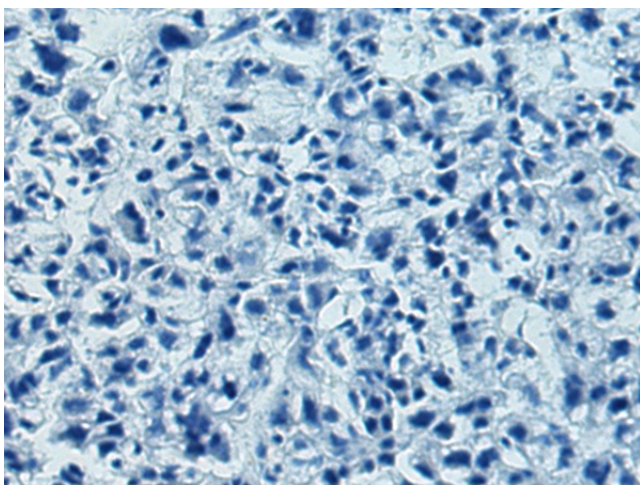
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA367406] (CTSS Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: ×200)