Product datasheet for TA343088

Cathepsin S (CTSS) Rabbit Polyclonal Antibody

Product data:

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Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-CTSS antibody: synthetic peptide directed towards the N terminal of human CTSS. Synthetic peptide located within the following region: QLHKDPTLDHHWHLWKKTYGKQYKEKNEEAVRRLIWEKNLKFVMLHNLEH
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	37 kDa
Gene Name:	cathepsin S
Database Link:	NP_004070 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:	FLJ50259; MGC3886

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Note:	Immunogen Sequence Homology: Pig: 100%; Horse: 100%; Human: 100%; Bovine: 100%; Rabbit: 93%; Guinea pig: 93%; Dog: 86%; Rat: 86%
Protein Families:	Druggable Genome, Protease
Protein Pathways:	Antigen processing and presentation, Lysosome

Product images:
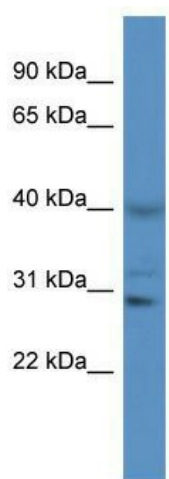
WB Suggested Anti-CTSS Antibody; Titration: 1.0 ug/ml; Positive Control: Jurkat Whole Cell