

Product datasheet for TA357772

OriGene Technologies, Inc.

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Cathepsin S (CTSS) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the middle region of Human CATS

Specificity: Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep,

Zebrafish

Homology: Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 83%;

Rabbit: 93%; Rat: 87%; Sheep: 92%; Zebrafish: 100%

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.

Concentration: lot specific

Purification: Affinity purified
Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 36kDa

Gene Name: cathepsin S

Database Link: NP 004070

Entrez Gene 1520 Human

P25774





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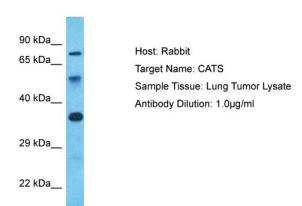
Background: The protein encoded by this gene, a member of the peptidase C1 family, is a lysosomal

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

Product images:



Host: Rabbit Target Name: CATS

Sample Type: Lung Tumor lysates Antibody Dilution: 1.0ug/ml