

# Product Datasheet

## Cathepsin K Antibody

### NB100-94902

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NB100-94902**

Cathepsin K Antibody

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

**Product Description**

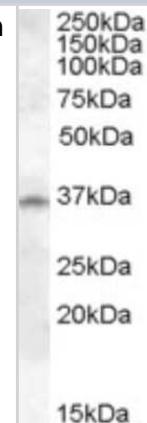
<b>Host</b>	Goat
<b>Gene ID</b>	1513
<b>Gene Symbol</b>	CTSK
<b>Species</b>	Human
<b>Immunogen</b>	Peptide with sequence C-KTHRQYNNKVDE corresponding to internal region (near N-Terminus) according to NP_000387.1.

**Product Application Details**

<b>Applications</b>	Western Blot, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 1 - 3 ug/mL, Peptide ELISA Detection limit 1:16000
<b>Application Notes</b>	WB: Approx. 36 kDa band observed in human lung and human ovary lysates (calculated MW of 37.0 kDa band according to NP_000387.1).

**Images**

Western Blot: Cathepsin K Antibody [NB100-94902] - Staining of Human Lung lysate (35 ug protein in RIPA buffer). Antibody at 1 ug/mL. Primary incubation was 1 hour. Detected by chemiluminescence.

**Publications**

Asagiri M, Hirai T, Kunigami T et al. Cathepsin K-dependent toll-like receptor 9 signaling revealed in experimental arthritis. *Science* 2008-02-01 [PMID: 18239127]



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## Products Related to NB100-94902

NBL1-09593	Cathepsin K Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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