

Datasheet for ABIN6746926

anti-Cathepsin K antibody (AA 163-212)



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1 Image

Overview

Quantity:	100 µL
Target:	Cathepsin K (CTSK)
Binding Specificity:	AA 163-212
Reactivity:	Human, Rat, Mouse, Pig, Dog, Monkey, Cow, Rabbit, Guinea Pig, Horse, Zebrafish (Danio rerio), Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cathepsin K antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa163-212 of human CTSK (P43235, NP_000387). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Elephant, Panda, Dog, Bovine, Bat, Rabbit, Horse, Pig, Guinea pig, Platypus (100%), Opossum, Turkey, Chicken (92%), Catfish, Stickleback (91%), Xenopus (90%). Type of Immunogen: Synthetic peptide
Specificity:	Human CTSK / Cathepsin K
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse (100%) Xenopus (85%).
Purification:	Immunoaffinity purified

Target Details

Target:	Cathepsin K (CTSK)
Alternative Name:	CTSK / Cathepsin K (CTSK Products)
Background:	Name/Gene ID: CTSK Subfamily: Cysteine C1 Family: Protease Synonyms: CTSK, Cathepsin K, Cathepsin K (pseudosclerosis), Cathepsin O1, Cathepsin O2, Cathepsin X, CTSO2, PKND, Procathepsin K, PYCD, Cathepsin O, CTSO2, CTSO1
Gene ID:	1513
NCBI Accession:	NP_000387
UniProt:	P43235
Pathways:	Activation of Innate immune Response , Toll-Like Receptors Cascades

Application Details

Application Notes:	Approved: WB (1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)

Handling

Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images

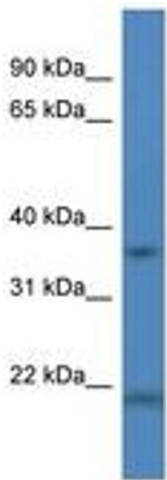


Image 1.