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anti-Cathepsin D antibody (C-Term)

Images



Publication



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Quantity:	100 μL
Target:	Cathepsin D (CTSD)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Rabbit, Saccharomyces cerevisiae, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cathepsin D antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	

Product Details

Immunogen:	The immunogen is a synthetic peptide corresponding to a region of Mouse
Sequence:	KTICLSGFMG MDIPPPSGPL WILGDVFIGS YYTVFDRDNN RVGFANAVVL
Predicted Reactivity:	Cow: 86%, Dog: 79%, Guinea Pig: 93%, Horse: 86%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 93%, Yeast: 92%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against Ctsd. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Cathepsin D (CTSD) Target:

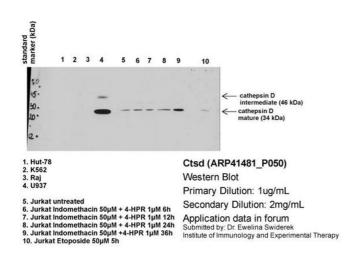
Target Details

rarget Details	
Alternative Name:	Ctsd (CTSD Products)
Background:	Ctsd is an acid protease active in intracellular protein breakdown.
	Alias Symbols: CD, CatD
	Protein Size: 410
Molecular Weight:	45 kDa
Gene ID:	13033
NCBI Accession:	NM_009983, NP_034113
UniProt:	P18242
Pathways:	Peptide Hormone Metabolism
Annii atian Dataila	
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 410 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %
	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in smal
	aliquots to prevent freeze-thaw cycles.

Product cited in:

Gerhard, Wagner, Feingold, Shenmen, Grouse, Schuler, Klein, Old, Rasooly, Good, Guyer, Peck, Derge, Lipman, Collins, Jang, Sherry, Feolo, Misquitta, Lee, Rotmistrovsky, Greenhut, Schaefer, Buetow et al.: "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). ..." in: **Genome research**, Vol. 14, Issue 10B, pp. 2121-7, (2004) (PubMed).

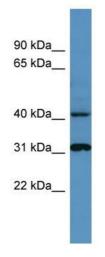
Images



Western Blotting

Image 1. Primary dilution: 1ug/mL

Secondary dilution: 2mg/mL



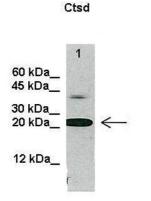
Western Blotting

Image 2. WB Suggested Anti-Ctsd Antibody Titration: 0.2-

1 ug/ml

ELISA Titer: 1:312500

Positive Control: Mouse Kidney



Western Blotting

Image 3. Lanes: 20 ug U937 cell lysate Primary Antibody
Dilution: 1:1000 Secondary Antibody: Anti-rabbit HRP
Secondary Antibody Dilution: 1:2000 Gene Name: Ctsd
Submitted by: Ewelina Swiderek, Institute of Immunology
and Experimental Therapy, Wroclaw, Poland

See Immunoblot 3 Data and Customer Feedback for more information

Please check the product details page for more images. Overall 5 images are available for ABIN2776841.