



Datasheet for ABIN7440884
anti-VCP antibody (AA 125-371)



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6 Images

Overview

Quantity:	100 µL
Target:	VCP
Binding Specificity:	AA 125-371
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VCP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Valosin Containing Protein (VCP)
Immunogen:	Recombinant Valosin Containing Protein (VCP) corresponding to Gly125~Ile371 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against VCP. It has been selected for its ability to recognize VCP in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

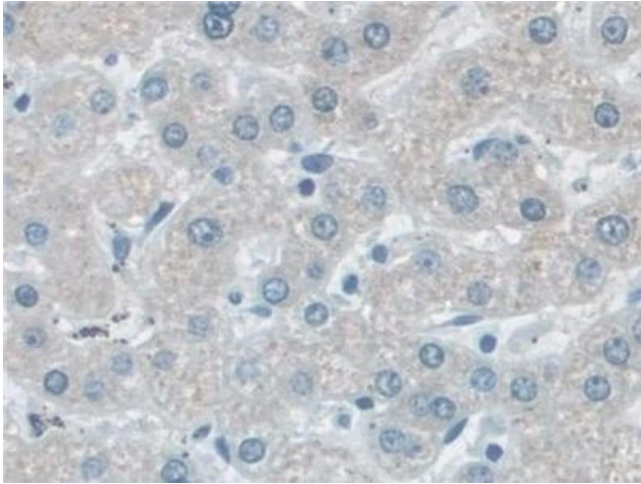
Target:	VCP
Alternative Name:	Valosin Containing Protein (VCP Products)
Background:	IBMPFD, p97, TERA, Transitional Endoplasmic Reticulum ATPase, 15S Mg(2+)-ATPase p97 subunit
Pathways:	ER-Nucleus Signaling , Positive Regulation of Endopeptidase Activity , Ubiquitin Proteasome Pathway

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

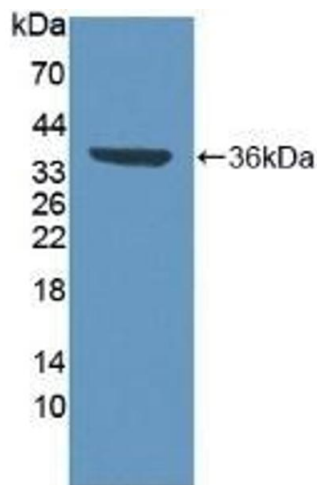
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



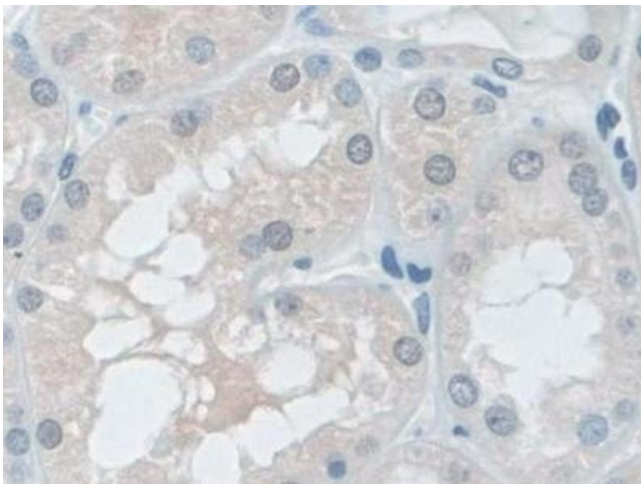
Immunohistochemistry

Image 1. Detection of VCP in Human Liver Tissue using Polyclonal Antibody to Valosin Containing Protein (VCP)



Western Blotting

Image 2. Detection of Recombinant VCP, Human using Polyclonal Antibody to Valosin Containing Protein (VCP)



Immunohistochemistry

Image 3. Detection of VCP in Human Kidney Tissue using Polyclonal Antibody to Valosin Containing Protein (VCP)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7440884.