

Datasheet for ABIN7245938

anti-VCP antibody**3** Images[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	VCP
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VCP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Fusion protein of human VCP
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	VCP
Alternative Name:	VCP (VCP Products)
Background:	VCP(Valosin-containing protein) belongs to the AAA ATPase family.VCP was first identified as a result of attempts to clone a putative peptide hormone called valosin. It was found that the cloned cDNA encoded a ubiquitously expressed 90 kDa cytosolic protein,termed VCP,which showed none of the characteristics of a peptide hormone precursor.Defects in VCP are the

Target Details

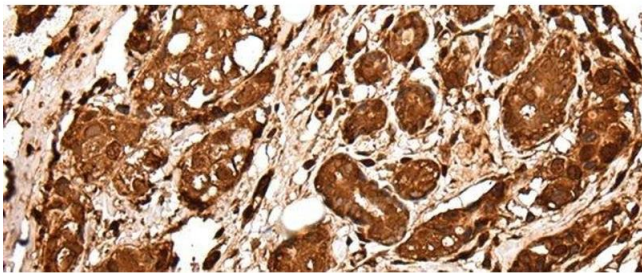
	cause of inclusion body myopathy with early-onset Paget disease and frontotemporal dementia (IBMPFD) and amyotrophic lateral sclerosis type 14 with or without frontotemporal dementia (ALS14)
Molecular Weight:	Observed_MW: Refer to figures Calculated_MW: 89 kDa
UniProt:	P55072
Pathways:	ER-Nucleus Signaling , Positive Regulation of Endopeptidase Activity , Ubiquitin Proteasome Pathway

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:30-1:150, ELISA 1:5000-1:10000
Restrictions:	For Research Use only

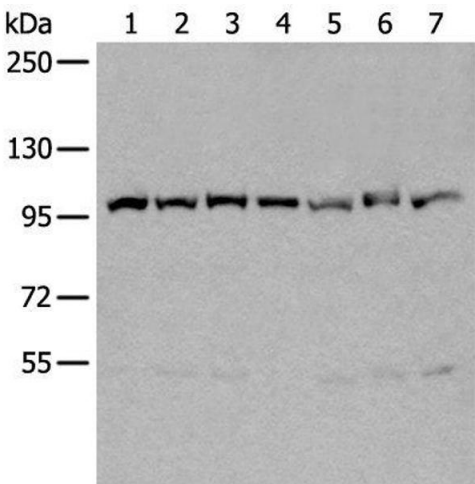
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



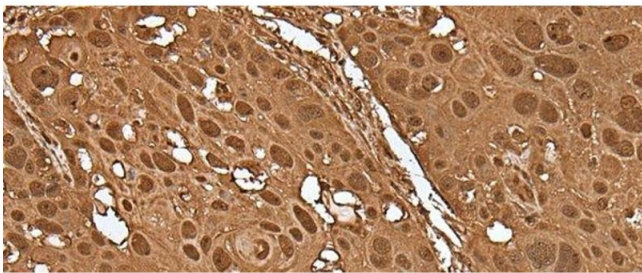
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human breast cancer tissue using VCP Polyclonal Antibody at dilution of 1:30(x200)



Western Blotting

Image 2. Western blot analysis of 231, Hela, A549, A431, HEPG2, Jurkat and K562 cell lysates using VCP Polyclonal Antibody at dilution of 1:400



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using VCP Polyclonal Antibody at dilution of 1:30(x200)