

Rabbit VCP Polyclonal Antibody | anti-VCP antibody

VCP Polyclonal Antibody

CATALOG # AAA281037	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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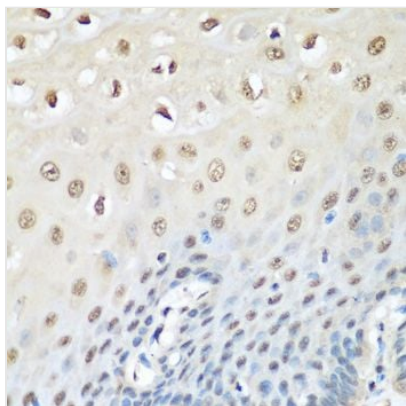
PRODUCT SYNONYMS

VCP; Polyclonal Antibody; VCP Polyclonal Antibody; ALS14; CDC48; CMT2Y; HEL-220; HEL-S-70; IBMPFD; IBMPFD1; p97; TERA; anti-VCP antibody

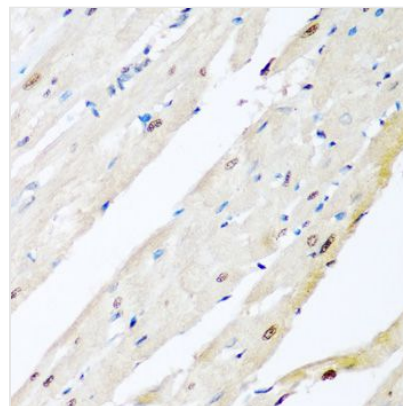
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	LPDEKSRVAI LKANLRKSPV AKDVDLEFLA KMTNGFSGAD LTEICQRACK LAIRESIESE IRRERERQTN PSAMEVEEDD PVPEIRRDHF EEAMRFARRS VSDNDIRKYE MFAQTLQQR GFGSFRFSPG NQGGAGPSQG SGGGTGGSVY TEDNDDLYG
Sequence Length	806
Applicable Applications for anti-VCP antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human VCP
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cytoplasm, Endoplasmic reticulum, Nucleus, cytosol
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

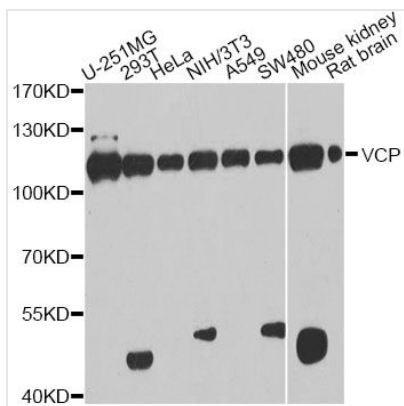
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human esophagus using VCP antibody at dilution of 1:200 (40x lens).


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat heart using VCP antibody at dilution of 1:200 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using VCP antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-VCP antibody	The protein encoded by this gene is a member of a family that includes putative ATP-binding proteins involved in vesicle transport and fusion, 26S proteasome function, and assembly of peroxisomes. This protein, as a structural protein, is associated with clathrin, and heat-shock protein Hsc70, to form a complex. It has been implicated in a number of cellular events that are regulated during mitosis, including homotypic membrane fusion, spindle pole body function, and ubiquitin-dependent protein degradation.
Product Categories/Family for anti-VCP antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	6005942
NCBI GeneID	7415
NCBI Accession #	NP_009057.1
NCBI GenBank Nucleotide #	NM_007126.4
UniProt Accession #	P55072 ; Q0V924 ; Q2TAI5 ; Q969G7 ; Q9UCD5 ; B2R5T8
Molecular Weight	Calculated: 89kDa Observed: 115kDa
NCBI Official Full Name	translational endoplasmic reticulum ATPase isoform 1
NCBI Official Synonym Full Names	valosin containing protein
NCBI Official Symbol	VCP
NCBI Official Synonym Symbols	p97; TERA; CDC48
NCBI Protein Information	translational endoplasmic reticulum ATPase
UniProt Protein Name	Translational endoplasmic reticulum ATPase
UniProt Gene Name	VCP
UniProt Synonym Gene Names	TER ATPase; VCP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

