

Rabbit Valosin Containing Protein Polyclonal Antibody | anti-VCP antibody

Polyclonal Antibody to Valosin Containing Protein (VCP)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20839	Rabbit	Human, Rat, Pig	Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA

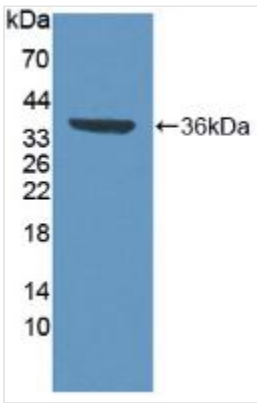
PRODUCT SYNONYMS

Valosin Containing Protein; Polyclonal Antibody; Polyclonal Antibody to Valosin Containing Protein (VCP); anti-VCP antibody

PRODUCT SPECIFICATIONS

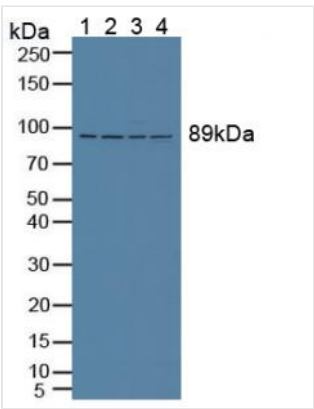
Host	Rabbit
Reactivity	Human, Rat, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against VCP. It has been selected for its ability to recognize VCP in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence Length	748
Applicable Applications for anti-VCP antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	Western blotting: 0.5-2ug/mL Immunohistochemistry: 5-20ug/mL Immunocytochemistry: 5-20ug/mL Optimal working dilutions must be determined by end user.
Fragment	VCP (Gly125~Ile371)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Rat, Pig
Conjugate	No Conjugate
Immunogen	Recombinant VCP (Gly125~Ile371) expressed in E Coli.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type Hela cell lysate; Lane 2: VCP knockout Hela cell lysate; Predicted MW: 89kd Observed MW: 89kd Primary Ab: 1ug/ml Rabbit Anti-Human VCP Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Human).



WB (Western Blot)

Western Blot: Sample: Lane1: Human Lung Tissue; Lane2: Human Hela Cells; Lane3: Porcine Brain Tissue; Lane4: Rat Brain Tissue.

ADDITIONAL INFORMATION

Product Categories/Family for anti-VCP antibody	Knock-Out Validation Antibody
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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	89,322 Da
NCBI Official Full Name	transitional 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	transitional endoplasmic reticulum ATPase
UniProt Protein Name	Transitional 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.