

Rabbit anti-Zebrafish VCP Polyclonal Antibody | anti-VCP antibody

VCP Antibody

CATALOG # AAA235445	HOST Rabbit	REACTIVITY Zebrafish	APPLICATIONS Western Blot, ELISA
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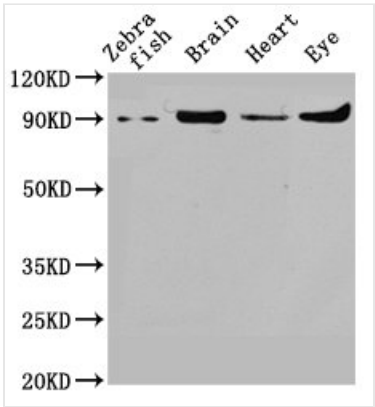
PRODUCT SYNONYMS

VCP; Polyclonal Antibody; VCP Antibody; Transitional endoplasmic reticulum ATPase (TER ATPase) (EC 3.6.4.6) (Protein CDC48) (Valosin-containing protein) (VCP); vcp; cdc48; anti-VCP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Zebrafish
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Applicable Applications for anti-VCP antibody	WB (Western Blot), ELISA
Immunogen	Recombinant Zebrafish Transitional endoplasmic reticulum ATPase protein (704-806AA)
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Species	Zebrafish
Research Area	Neuroscience; Metabolism, Signal transduction
Target Names	vcp
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



WB (Western Blot)
Western BlotPositive WB detected in: Zebrafish tissue, Zebrafish brain tissue, Zebrafish heart tissue, Zebrafish eye tissueAll lanes: vcp antibody at 1.8ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 90 kDaObserved band size: 90 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-VCP antibody	Necessary for the fragmentation of Golgi stacks during mitosis and for their reassembly after mitosis. Involved in the formation of the nuclear envelope, and of the transitional endoplasmic reticulum (tER). The transfer of membranes from the endoplasmic reticulum to the Golgi apparatus occurs via 50-70 nm transition vesicles which derive from part-rough, part-smooth transitional elements of the endoplasmic reticulum (tER). Vesicle budding from the tER is an ATPdependent process. Also involved in DNA damage response: recruited to double-strand breaks (DSBs) sites and promotes the recruitment of tp53bp1 at DNA damage sites (By similarity). Enhances cell cycle progression and inhibits apoptosis at low temperatures (PubMed:12914916). Essential for the maturation of ubiquitin-containing autophagosomes and the clearance of ubiquitinated protein by autophagy (By similarity). Acts as a negative regulator of type I interferon production by promoting ubiquitination of ddx58/rig-i (By similarity). May play a role in the ubiquitin-dependent sorting of membrane proteins to lysosomes where they undergo degradation (By similarity).
Product Categories/Family for anti-VCP antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	41393119
NCBI GeneID	327197
NCBI Accession #	NP_958889.1
NCBI GenBank Nucleotide #	NM_201481.1
UniProt Accession #	Q7ZU99; Q76KA4
NCBI Official Full Name	transitional endoplasmic reticulum ATPase
NCBI Official Synonym Full Names	valosin containing protein
NCBI Official Symbol	vcp
NCBI Official Synonym Symbols	CDC48; wu:fd16d05; wu:fj63d11
NCBI Protein Information	transitional endoplasmic reticulum ATPase
UniProt Protein Name	Transitional endoplasmic reticulum ATPase
UniProt Gene Name	vcp
UniProt Synonym Gene Names	cdc48; VCP1 PublicationManual assertion based on opinion iniRef.1

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/vcp-antibody-western-blot-elisa/235445>