

Product Name: VCP Rabbit Monoclonal Antibody**Catalog #: AMRe02753**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.55mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50
Molecular Weight	Calculated MW: 89 kDa; Observed MW: 89 kDa

Antigen Information

Gene Name	VCP
Alternative Names	15S Mg(2+) ATPase p97 subunit; ALS14; ATPase p97; CDC48; IBMPFD; p97; TER ATPase; TERA; VCP; Yeast Cdc48p homolog
Gene ID	7415
SwissProt ID	P55072
Immunogen	A synthetic peptide of human VCP

Background

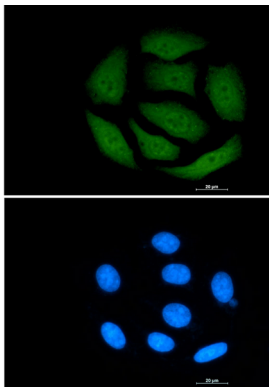
Necessary for the fragmentation of Golgi stacks during mitosis and for their reassembly after mitosis. Involved in the formation

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).

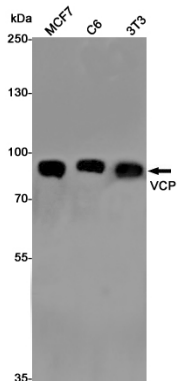
Research Area

Neuroscience

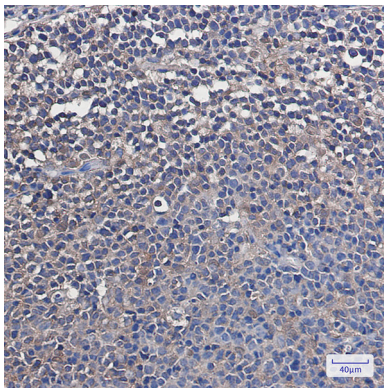
Image Data



Immunocytochemistry analysis of VCP (green) in A549 using VCP antibody, and DAPI (blue).



Western blot analysis of VCP in MCF-7, C6, 3T3 lysates using VCP antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using VCP antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.