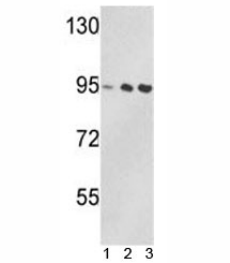
VCP Antibody (F49962)

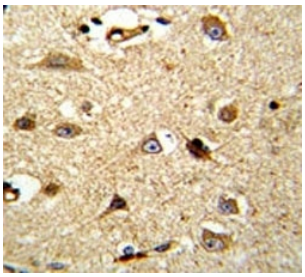
Catalog No.	Formulation	Size
F49962-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49962-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

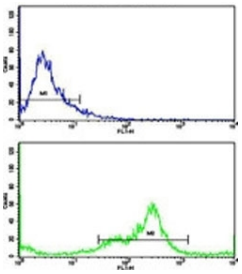
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Bovine, Mouse, Pig, Rat, Xenopus, Zebrafish
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P55072
Applications	Western blot: 1:1000 IHC (Paraffin): 1:50-1:100 Flow Cytometry: 1:10-1:50
Limitations	This VCP antibody is available for research use only.



Western blot analysis of VCP antibody and 1) Jurkat, 2) 293, and 3) MDA-MB231 lysate. Predicted/observed molecular weight: ~89/97kDa.



IHC analysis of FFPE human brain tissue stained with VCP antibody



Flow cytometric analysis of MDA-231 cells using VCP antibody (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

VCP 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.

Application Notes

Titration of the VCP antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 726-755 from the human protein was used as the immunogen for this VCP antibody.

Storage

Aliquot the VCP antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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