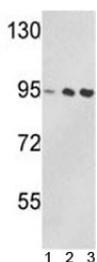


## VCP Antibody (F49962)

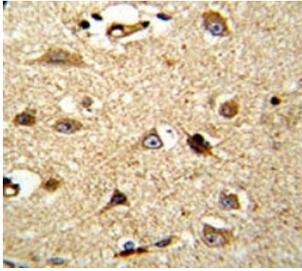
Catalog No.	Formulation	Size
F49962-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49962-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

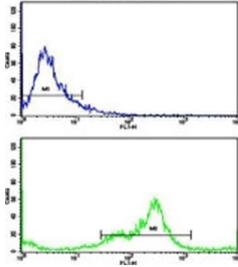
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Predicted Reactivity</b>	Bovine, Mouse, Pig, Rat, Xenopus, Zebrafish
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	P55072
<b>Applications</b>	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100 Flow Cytometry : 1:10-1:50
<b>Limitations</b>	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.