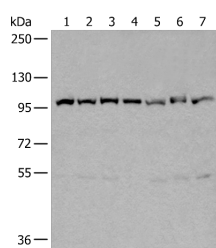


VCP Polyclonal Antibody

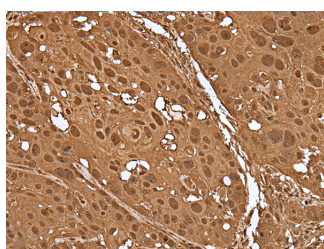
Catalog No.	E-AB-18489	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC,ELISA	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

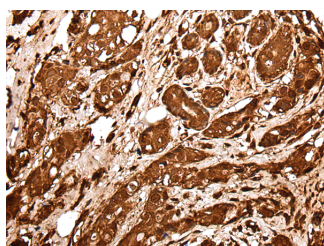
Images



Western blot analysis of 231 HeLa A549 A431 HEPG2 Jurkat and K562 cell lysates using VCP Polyclonal Antibody at dilution of 1:400



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using VCP Polyclonal Antibody at dilution of 1:30(×200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using VCP Polyclonal Antibody at dilution of 1:30(×200)

Immunogen Information

Immunogen	Fusion protein of human VCP
Gene Accession	BC121794
Swissprot	P55072
Synonyms	ATPase p97,CDC48,IBMPFD,MGC131997,MGC148092,MGC8560,p97,TER ATPase,TERA,TERA

Product Information

Calculated MW	89 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:500-1:2000, IHC 1:30-1:150, ELISA 1:5000-1:10000

Background

VCP(Valosin-containing protein) belongs to the AAA ATPase family.VCP was first identified as a result of attempts to clone a putative peptide hormone called valosin. It was found that the cloned cDNA encoded a ubiquitously expressed 90 kDa cytosolic protein,termed VCP,which showed none of the characteristics of a peptide hormone precursor.Defects in VCP are the cause of inclusion body myopathy with early-onset Paget disease and frontotemporal dementia (IBMPFD) and amyotrophic lateral sclerosis type 14 with or without frontotemporal dementia (ALS14)

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.