VCP Polyclonal Antibody

catalog number: E-AB-18489

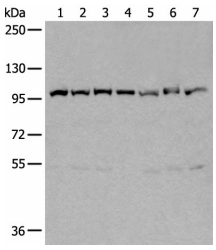
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Fusion protein of human VCP
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:30-1:150

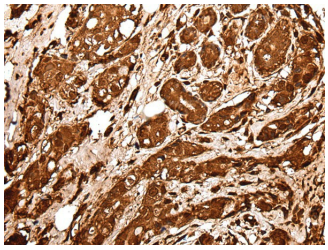
Data



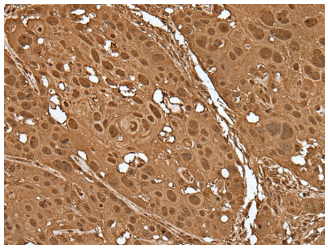
Western blot analysis of 231 Hela A549 A431 HEPG2 Jurkat and K562 cell lysates using VCP Polyclonal Antibody at dilution of 1:400

Observed-MV:Refer to figures

Calculated-MV:89 kDa



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



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

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

For Research Use Only

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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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