

RK05721

Leader in Biomolecular Solutions for Life Science

## [One Step] VCP Antibody Kit

Catalog No.: RK05721



### Basic Information

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#### Applications

#### Cross-Reactivity

Human, Mouse, Rat

#### Observed MW

90kDa

#### Calculated MW

89kDa

#### Category

Antibody kit

### Background

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This gene encodes a member of the AAA ATPase family of proteins. The encoded protein plays a role in protein degradation, intracellular membrane fusion, DNA repair and replication, regulation of the cell cycle, and activation of the NF-kappa B pathway. This protein forms a homohexameric complex that interacts with a variety of cofactors and extracts ubiquitinated proteins from lipid membranes or protein complexes. Mutations in this gene cause IBMPFD (inclusion body myopathy with paget disease of bone and frontotemporal dementia), ALS (amyotrophic lateral sclerosis) and Charcot-Marie-Tooth disease in human patients.

### Product Information

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#### Source

Rabbit

#### Purification

#### Storage

Avoid repeated freeze-thaw cycles.

### Contact

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[www.abclonal.com](http://www.abclonal.com)

### Component & Recommended Dilutions

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Catalog No.	Product Name	Dilutions
RK05721-1	VCP Rabbit pAb	89kDa
RK05721-2	HRP-conjugated Goat anti-Rabbit IgG (H+L)	90kDa

### Immunogen Information

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#### Gene ID

7415

#### Swiss Prot

P55072

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 647-806 of human VCP (NP\_009057.1).

#### Synonyms

p97; TERA; CDC48; FTDALS6; VCP