

## Catalog #: 51250

### Aliases

P58IPK; PRKRI; DnaJ homolog subfamily C member 3; Endoplasmic reticulum DNA J domain-containing protein 6; ER-resident protein ERdj6; ERdj6; Interferon-induced, double-stranded RNA-activated protein kinase inhibitor; Protein kinase inhibitor of 58 kDa; Protein kinase inhibitor p58

### Background

Gene Name: DNAJC3

NCBI Gene Entry: [5611](#)

UniProt Entry: [Q13217](#)

### Application Information

Molecular Weight: Predicted, 57 kDa; observed, 57 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat, bovine, pig

Applications Tested: Western blotting (WB), immunohistochemistry (IHC), immunocytochemistry (IC)

### Immunogen

A synthesized peptide derived from human DnaJC3

### Isotype

Rabbit IgG

### Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

### Storage

Store at -20 °C for one year.

### Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunohistochemistry (IHC): 1:50-1:100

Immunocytochemistry (IC): 1:50-1:200

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#### SUPPORT

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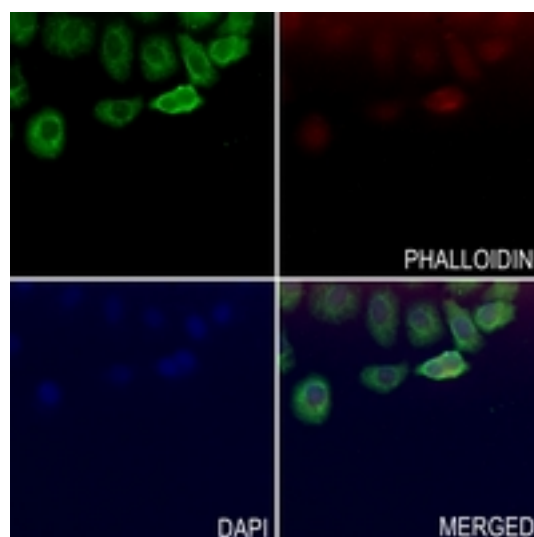
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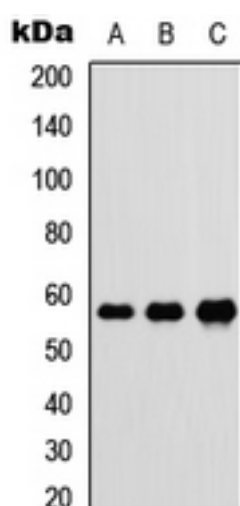
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**Note:** This product is for research use only.

## Validation Data



Immunocytochemical analysis of DnaJC3 staining in SGC7901 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



Western blotting analysis of DnaJC3 expression in HEK293T (A), Raw264.7 (B), H9C2 (C) whole cell lysates.

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