

## Catalog #: 50916

## Aliases

PAR3; PAR3A; Partitioning defective 3 homolog; PAR-3; PARD-3; Atypical PKC isotype-specific-interacting protein; ASIP; CTCL tumor antigen se2-5; PAR3-alpha

## Background

Gene Name: PARD3

NCBI Gene Entry: [56288](#)

UniProt Entry: [Q8TEW0](#)

## Application Information

Molecular Weight: Predicted, 151 kDa; observed, 180 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat, chicken

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

## Immunogen

A synthesized peptide derived from human PARD3

## 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

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

## Validation Data

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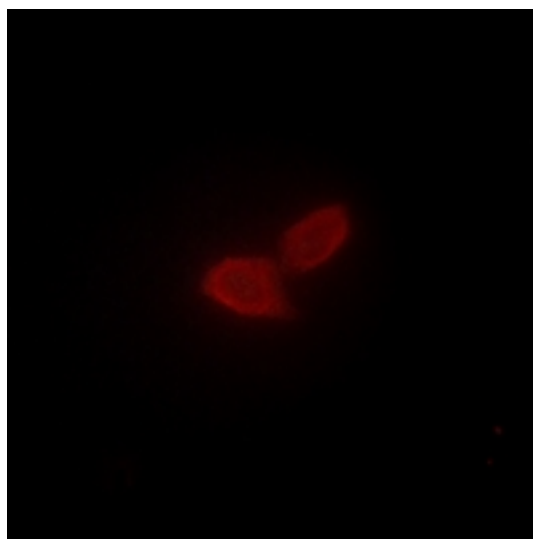
### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

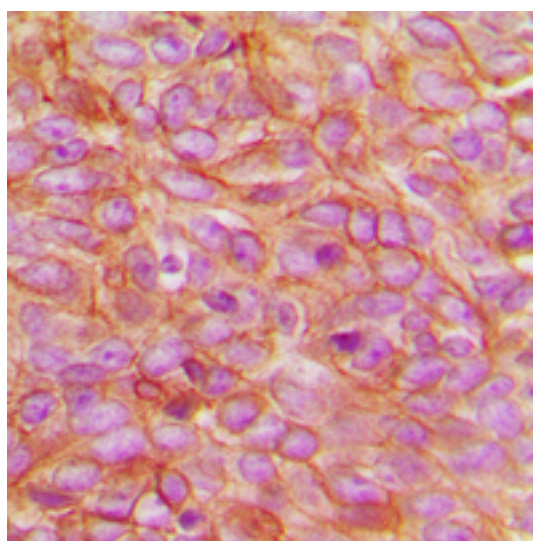
### ORDERS

SALES@GENUINBIOTECH.COM  
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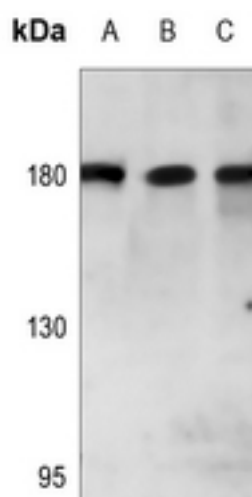
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Immunocytochemical analysis of PARD3 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



Immunohistochemical analysis of PARD3 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western blotting analysis of PARD3 expression in HEK293T (A), U2OS (B), A549 (C) whole cell lysates.