Anti-Cofilin Rabbit Polyclonal Antibody

GenuIN
BIOTECH
REAL MATTERS

Catalog #: 50228

Aliases

CFL; Cofilin-1; 18 kDa phosphoprotein; p18; Cofilin, non-muscle isoform

Background

Gene Name: CFL1
NCBI Gene Entry: 1072
UniProt Entry: P23528

Application Information

Molecular Weight: Predicted, 18 kDa; observed, 19 kDa
Clonality: Rabbit polyclonal antibody
Species Reactivity: Human, mouse, rat, bovine, monkey, pig, sheep
Applications Tested: Western blotting (WB), immunohistochemistry (IHC), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Cofilin

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): 1:100-1:200
Immunocytochemistry (IC): 1:100-1:500

Note: This product is for research use only.
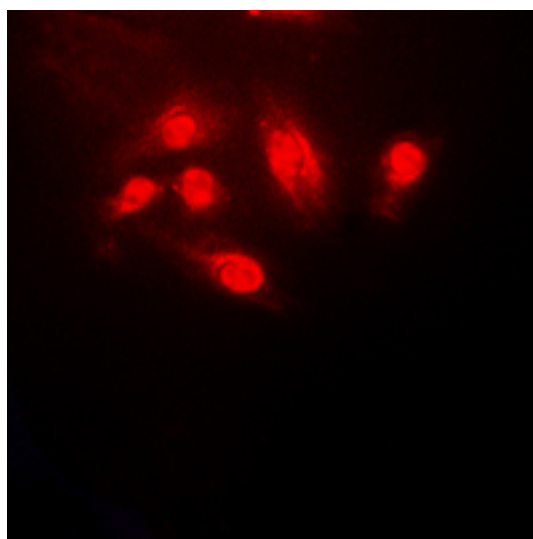
Validation Data

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ORDERS
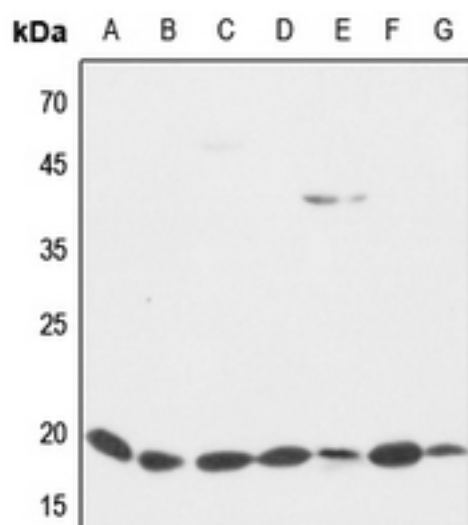SALES@GENUINBIOTECH.COM
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Immunocytochemical analysis of Cofilin staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were 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 DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.
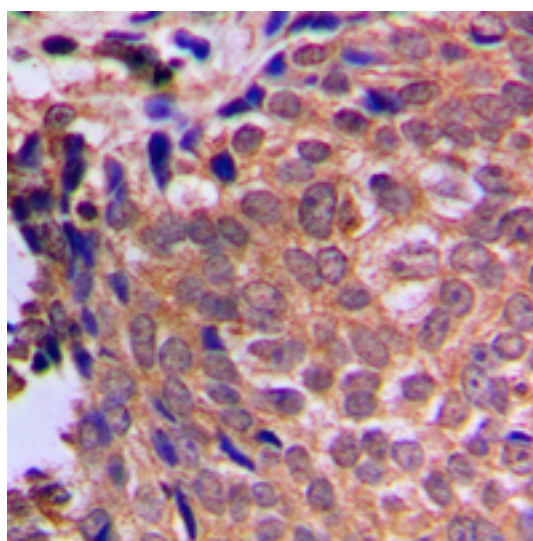
Immunohistochemical analysis of Cofilin staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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Western blotting analysis of Cofilin expression in HEK293T (A), Hela (B), H1688 (C), mouse spleen (D), mouse lung (E), rat spleen (F), rat lung (G) whole cell lysates.

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