

**bs-20261R****[ Primary Antibody ]**

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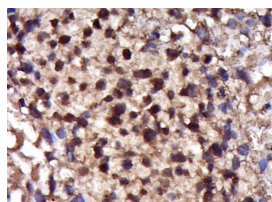
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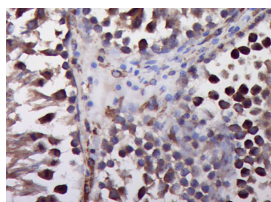
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**Phospho-Cofilin (Ser3) Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 1072 <b>Target:</b> Phospho-Cofilin (Ser3) <b>Immunogen:</b> KLH conjugated synthesised phosphopeptide derived from human Cofilin around the phosphorylation site of Ser3: A(p-S)GV. <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. <b>Background:</b> The protein encoded by this gene can polymerize and depolymerize F-actin and G-actin in a pH-dependent manner. Increased phosphorylation of this protein by LIM kinase aids in Rho-induced reorganization of the actin cytoskeleton. Cofilin is a widely distributed intracellular actin-modulating protein that binds and depolymerizes filamentous F-actin and inhibits the polymerization of monomeric G-actin in a pH-dependent manner. It is involved in the translocation of actin-cofilin complex from cytoplasm to nucleus.	<b>Isotype:</b> IgG <b>SWISS:</b> P23528 <b>Applications:</b> IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) <b>Reactivity:</b> Mouse, Rat (predicted: Human, Pig, Sheep, Cow, Horse) <b>Predicted MW.:</b> 18 kDa <b>Subcellular Location:</b> Cell membrane ,Cytoplasm ,Nucleus
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**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (Mouse placenta); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (P-Cofilin (Ser3)) Polyclonal Antibody, Unconjugated (bs-20261R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (P-Cofilin (Ser3)) Polyclonal Antibody, Unconjugated (bs-20261R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=6.543]** Yang Lili. et al. Elucidating the Novel Mechanism of Ligustrazine in Preventing Postoperative Peritoneal Adhesion Formation. Oxid Med Cell Longev. 2022;2022:9226022 WB,IF ;Rat,Human. 35308169