

# **Rabbit Anti-Gelsolin Polyclonal Antibody, Cy3 Conjugated**

**Cat. # bs-1160R-Cy3**

Gelsolin is a calcium dependent actin binding protein. It is a potent modulator of actin filament length and gelation. Gelsolin has been shown to exist in at least two variant forms, cytoplasmic gelsolin and plasma gelsolin. Plasma gelsolin has also been called actin depolymerizing factor (ADF) or brevin. Human plasma and rabbit macrophage gelsolins differ by the presence of a 25 amino acid residue extension at the NH<sub>2</sub> terminus in the human plasma gelsolin, which appears to account for the difference in relative molecular weights.

**Attention!!!** For the best quality of Bioss conjugated primary antibodies, we conjugate the label upon ordering, please allow 2 weeks for the process.

**Name** Rabbit Anti-Gelsolin Polyclonal Antibody, Cy3 Conjugated

**Synonym** Actin depolymerizing factor; ADF; AGEL; Amyloidosis Finnish type; Brevin; DKFZp313L0718; GSN.

**Background** Gelsolin is a calcium dependent actin binding protein. It is a potent modulator of actin filament length and gelation. Gelsolin has been shown to exist in at least two variant forms, cytoplasmic gelsolin and plasma gelsolin. Plasma gelsolin has also been called actin depolymerizing factor (ADF) or brevin. Human plasma and rabbit macrophage gelsolins differ by the presence of a 25 amino acid residue extension at the NH<sub>2</sub> terminus in the human plasma gelsolin, which appears to account for the difference in relative molecular weights.

**Target Protein** Gelsolin

**Cross-Reactivity** Human, Mouse, Rat

**Applications** Flow-Cyt(1:20-100), IF(1:50-200)

<b>Source</b>	Polyclonal antibodies are produced by immunizing animals with synthetic peptide derived from human Gelsolin C-terminus
<b>Molecular Weight</b>	80kDa
<b>Isotype</b>	IgG
<b>Conjugation</b>	Cy3
<b>Purification</b>	Antibodies are purified by protein A and peptide affinity chromatography.
<b>Size</b>	100ug Lyophilized
<b>Ship &amp; Storage</b>	Ship at room temperature. Store at -20 C
<b>Reconstitution</b>	Reconstitute with 100ul sterile distilled water. After reconstitution, stock concentration=1ug/1ul, preservatives included (BSA=10ug/ul, Sodium azide=0.1%)

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