

## Gremlin-2 Polyclonal Antibody

<b>CATALOG #:</b>	5657-100
<b>AMOUNT:</b>	100 µg
<b>LOT #:</b>	_____
<b>IMMUNOGEN:</b>	<i>E. coli</i> expressed recombinant human Gremlin-2
<b>INTERNAL ID#:</b>	BV-G20
<b>HOST:</b>	Rabbit
<b>SPECIES REACTIVITY:</b>	Human

**FORMULATION:**

100 µg (0.5 mg/ml) affinity purified rabbit anti-human Gremlin-2 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

**STORAGE CONDITIONS:**

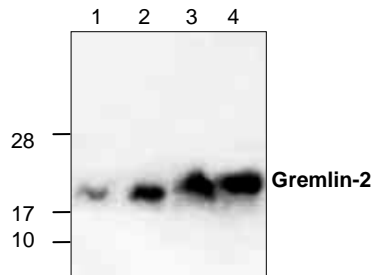
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

**DESCRIPTION:**

Gremlin (also known as Increased in High Glucose Protein 2, IHG-2, Down-regulated in Mos-transformed cells protein, Dm) functions as a bone morphogenetic protein (BMP) antagonist. It acts by binding to, and forming heterodimers with BMP-2, BMP-4, BMP-7, thus preventing them from interacting with their cell surface receptors.

**APPLICATION AND USAGE:**

The antibody can be used for Western blot analysis (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Recombinant human Gremlin-2 (Cat.# 4657-20) can be used as a positive control.

**Cat. #: 5657-100**

Western blot analysis using recombinant human Gremlin -2.

Lane 1: 5 ng  
Lane 2: 10 ng  
Lane 3: 50 ng  
Lane 4: 100 ng

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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## Monoclonal and Polyclonal Antibodies

**FOR RESEARCH USE ONLY! Not to be used on humans.**