

Anti-human IGF-I Polyclonal Antibody

CATALOG #:	5119-100
AMOUNT:	100 µg
LOT #:	_____
IMMUNOGEN:	<i>E. coli</i> expressed human IGF-I (ID# BV-203)
HOST:	Rabbit

FORMULATION:

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

STORAGE CONDITIONS:

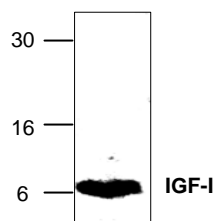
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

IGF-I (Insulin-like Growth Factor-I) is a polypeptide growth factor that stimulates the proliferation of a wide range of cell types including muscle, bone, and cartilage tissue. Human IGF-I is a 7.6 kDa protein containing 70 amino acid residues.

APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (0.5-4 µg/ml). Recombinant human IGF-I (Cat.# 4119-100) can be used as a positive control. Based on researchers feedback, the antibody can also be used in ELISA (2-3 µg/ml), and neutralization (0.5-4 µg/ml). However, the optimal conditions should be determined individually.



Cat.# 5119-100
Western blot analysis of IGF-1
with 50 ng recombinant human
IGF-I.

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