

IGF-BP1 Polyclonal Antibody

CATALOG #:	5717-100
AMOUNT:	100 µg
LOT #:	_____
IMMUNOGEN:	<i>E. coli</i> -expressed recombinant human IGF-BP1
INTERNAL ID#:	BV-G49
HOST:	Rabbit

FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit anti-human IGF-BP1 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5mM EDTA and 0.01% thimerosal.

STORAGE CONDITIONS:

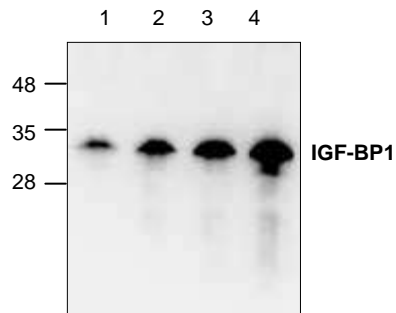
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

Human IGF-BP1 is a cysteine-rich secreted protein expressed in liver, decidua, and kidneys and is the most abundant IGF-BP in amniotic fluid. Levels of IGF-BP1 in serum are lowest after food. IGF-BP1 binds both IGF-I and IGF-II with equal affinity. Phosphorylated IGF-BP1 hinders IGF actions, whereas nonphosphorylated IGF-BP1 is stimulatory.

APPLICATION AND USAGE:

The antibody can be used in Western Blot analysis (0.5-4 µg/ml). Recombinant human IGF-BP1 (Cat.# 4717-25) can be used as a positive control. However, the optimal conditions should be determined individually.



Cat. #: 5717-100
Western blot analysis using recombinant human IGF-BP1
Lane 1: 20 ng
Lane 2: 50 ng
Lane 3: 100 ng
Lane 4: 200 ng

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