

FIAF Polyclonal Antibody

CATALOG NO: 3490-30T 30 µg (Trial size)
3490-100 100 µg

IMMUNOGEN: Synthetic peptide surrounding amino acid 84 of mouse FIAF (Internal ID# BV-A04)

SPECIES REACTIVITY: Mouse, Rat

FORMULATION:

0.5 mg/ml affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

STORAGE CONDITIONS:

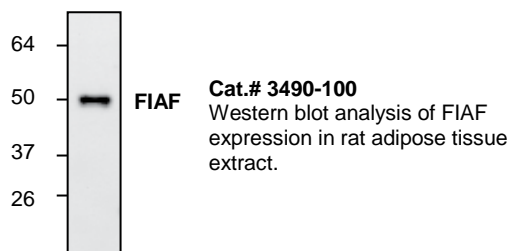
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

BACKGROUND:

Adipose tissue is an energy reserve in animals. Adipose cells produce and secrete numerous physiologically important proteins that help regulate whole body metabolism, such as adiponectin leptin. Fasting causes significant changes in nutrient metabolism and many of these changes are controlled by transcription factors that regulate rate-limiting enzymes. An important transcription factor that mediates metabolic processes induced by fasting is peroxisome proliferator-activated receptor alpha (PPAR alpha). PPAR alpha has recently been reported to target a novel gene encoding the secreted protein FIAF (fasting-induced adipose factor). FIAF is expressed predominantly in adipose tissue and is strongly upregulated in white adipose tissue and the liver under fasting conditions. Initial studies suggest that FIAF represents a novel endocrine signal helping to regulate metabolism, especially under fasting conditions.

APPLICATION & USAGE:

The antibody has been tested in Western blotting (0.5-4 µg/ml). It recognizes ~50 kDa FIAF from samples of mouse and rat origins. Blocking peptide (Cat.# 3490BP-50) is available separately.



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

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

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