

## Adipsin Polyclonal Antibody

<b>CATALOG #:</b>	3937-100
<b>AMOUNT:</b>	100 µg
<b>LOT #:</b>	_____
<b>IMMUNOGEN:</b>	Synthetic peptide surrounding amino acid 232 of mouse adipsin
<b>INTERNAL ID#:</b>	BV-H13A
<b>HOST:</b>	Rabbit
<b>SPECIES REACTIVITY:</b>	Mouse, Rat

### FORMULATION:

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

### STORAGE CONDITIONS:

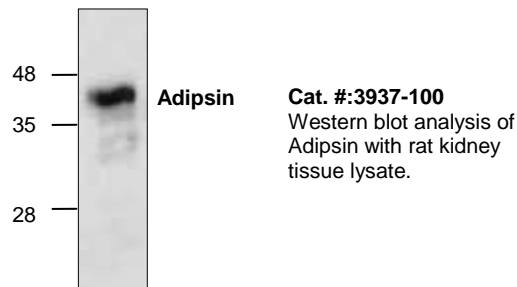
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

### DESCRIPTION:

Adipsin is a serine protease secreted by adipose tissue, and it has also been found in monocytes/macrophages. Adipsin has been identified to be similar to complement Factor D. Adipsin cleaved complement Factor B when the later form complexed with activated complement component C3. Low level expression of Adipsin has been linked to obesity in mouse model suggesting that defects in Adipsin is the result of this systemic disorder.

### 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. Blocking peptide (Cat.# 3937BP-50) is available separately.



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

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