Anti-DsbA-L

Catalog Number: 465-DsbA-L  Size: 100 µL

Product Description: Rabbit polyclonal antibody


Antigen: Full length recombinant mouse DsbA-L protein.

Species reactivity: The antibody has been directly tested for reactivity in mouse and human. Other species have not been tested.

Biological Significance: Disulfide-bond-A oxidoreductase-like protein (DsbA-L, previously named as GST Kappa) is an adiponectin-interacting protein. DsbA-L is highly expressed in adipose tissue, and its expression level is negatively correlated with obesity in mice and humans. DsbA-L expression in 3T3-L1 adipocytes is stimulated by the insulin sensitizer rosiglitazone and inhibited by the inflammatory cytokine TNFalpha. Polymorphism of DsbA-L gene has recently been implicated in insulin secretion and body fat distribution (Gao F et al., 2009). Overexpression of DsbA-L promotes adiponectin multimerization while suppressing DsbA-L expression by RNAi markedly and selectively reduces adiponectin levels and secretion in 3T3-L1 adipocytes. Recent studies identify DsbA-L as a key regulator for adiponectin biosynthesis (Liu et al., 2008).

Western blot of mouse adipose tissue showing specific immunolabeling of the ~25k DsbA-L protein.

Purification Method: serum
**Antibody Specificity:** Specific for the ~25 kDa DsbA-L protein in Western blots of 3T3-L1 adipocytes and mouse white and brown adipose tissue lysate samples. It is suggested that you add 1% BSA to the antibody dilution buffer.

**Quality Control Tests:** Western blots performed on each lot.

**Product Specific References:**


**General References:**