Anti-DsbA-L Antibody

Catalog #: 465-DsbA-L  Size: 100 µl

<table>
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<tr>
<th>Host</th>
<th>Applications</th>
<th>Species Tested</th>
<th>Species Reactivity*</th>
<th>Molecular Reference</th>
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<td>Rabbit</td>
<td>WB 1:2000</td>
<td>H, M</td>
<td>~25 kDa</td>
<td></td>
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<td></td>
<td>IHC 1:200</td>
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**Product Description:** Rabbit polyclonal antibody.

**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 TNFα. 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).

**Antigen:** Full length recombinant mouse DsbA-L protein.

**Antibody Specificity:** Specific for endogenous levels of the ~25 kDa DsbA-L protein. It is suggested that you add 1% BSA to the antibody dilution buffer.

**Purification Method:** Serum.

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

**Packaging:** Serum in 40% glycerol.

**Storage and Stability:** Shipped on blue ice. Store at –20°C in undiluted aliquots; stable for at least 1 year. Avoid freeze/thaw cycles.

Western blot of mouse adipose tissue lysate showing specific immunolabeling of the ~25 kDa DsbA-L protein.
**Product Specific References:**


**General References:**