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Anti-DsbA-L (Disulfide-bond-A oxidoreductase-like protein) Antibody

Our Anti-DsbA-L (Disulfide-bond-A oxidoreductase-like protein) primary antibody from PhosphoSolution
Catalog # AN1368

Product Information

Application	WB, IHC
Primary Accession	Q9DCM2
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	25704

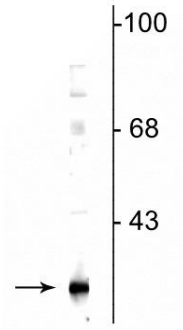
Additional Information

Gene ID	76263
Other Names	DSBA like thioredoxin domain containing protein antibody, Glutathione S-transferase kappa 1, EC:2.5.1.18, GST 13-13, GST class-kappa, GST kappa, GSTK1-1, mGSTK1, Glutathione S-transferase subunit 13
Target/Specificity	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).
Dilution	WB~~1:1000 IHC~~1:100~500
Format	Serum
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Anti-DsbA-L (Disulfide-bond-A oxidoreductase-like protein) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
Shipping	Blue Ice

Background

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).

Images



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