

ARG52267 anti-DsbA-L antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes DsbA-L
Tested Reactivity	Hu, Ms
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	DsbA-L
Species	Mouse
Immunogen	Full length recombinant mouse DsbA-L protein
Conjugation	Un-conjugated
Alternate Names	Glutathione S-transferase kappa 1; hGSTK1; GST; GST class-kappa; GST13-13; EC 2.5.1.18; Glutathione S-transferase subunit 13; GST13; GST 13-13; GSTK1-1

Application Instructions

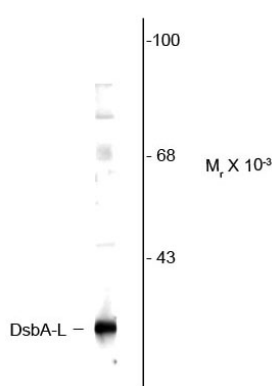
Application table	Application	Dilution
	IHC-P	1:200
	WB	1:2000
Application Note	<p>Specific for the ~25 kDa DsbA-L protein in Western blots of 3T3-L1 adipocytes and mouse white and brown adipose tissue lysate samples. It is suggested that you add 1% BSA to the antibody dilution buffer.</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>	

Properties

Form	Liquid
Purification	Serum
Buffer	Serum and 40 % Glycerol
Stabilizer	40 % Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Database links	GeneID: 373156 Human GeneID: 76263 Mouse Swiss-port # Q9DCM2 Mouse Swiss-port # Q9Y2Q3 Human
Gene Symbol	Gstk1
Gene Full Name	glutathione S-transferase kappa 1
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).
Research Area	Cell Biology and Cellular Response antibody; Controls and Markers antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	25 kDa

Images



ARG52267 anti-DsbA-L antibody WB image

Western Blot: mouse adipose tissue showing specific immunolabeling of the ~25k DsbA-L protein stained with DsbA-L antibody (ARG52267).