

DsbA-Tag Antibody
Purified Mouse Monoclonal Antibody (Mab)
Catalog # AP52698**Specification**

DsbA-Tag Antibody - Product Information

Application	WB
Primary Accession	P0AEG4
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Calculated MW	24 KDa

DsbA-Tag Antibody - Additional Information**Gene ID** 93778077;948353**Other Names**

DSBA like thioredoxin domain containing protein.

Dilution

WB~~1:1000

Format

Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine(pH 7.4,150 mM NaCl)with 0.09% (W/V) sodium azide,0.1mg/mlBSA and 50% glycerol.

Storage

Store at -20 °C.Stable for 12 months from date of receipt

DsbA-Tag Antibody - Protein Information**Name** dsbA**Synonyms** dsf, ppfA**Function**

Required for disulfide bond formation in some periplasmic proteins such as PhoA or OmpA. Acts by transferring its disulfide bond to other proteins and is reduced in the process. DsbA is reoxidized by DsbB. Required for pilus biogenesis. PhoP-regulated transcription is redox-sensitive, being activated when the periplasm becomes more reducing (deletion of dsbA/dsbB, treatment with dithiothreitol). MgrB acts between DsbA/DsbB and PhoP/PhoQ in this pathway.

Cellular Location

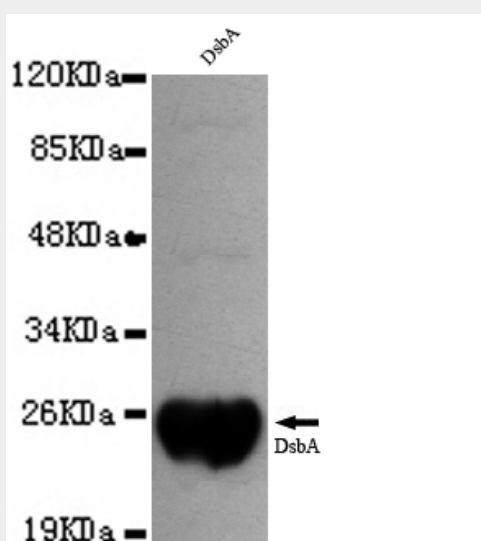
Periplasm.

DsbA-Tag Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DsbA-Tag Antibody - Images



Western blot detection of DsbA with DsbA recombinant protein using DsbA mouse mAb (1:1000 diluted). Predicted band size: 24KDa. Observed band size: 24KDa.

DsbA-Tag Antibody - Background

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DsbA-Tag Antibody - References

Bardwell J.C.A., et al. Cell 67:581-589(1991).
Kamitani S., et al. EMBO J. 11:57-62(1992).
Plunkett G. III, et al. Nucleic Acids Res. 21:3391-3398(1993).
Blattner F.R., et al. Science 277:1453-1462(1997).
Hayashi K., et al. Mol. Syst. Biol. 2:E1-E5(2006).