

### CSDA Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP14659c

#### Specification

## **CSDA Antibody (Center) - Product Information**

Application Primary Accession Other Accession

Reactivity Predicted Host Clonality Isotype Antigen Region WB,E P16989 O62764, O9JKB3, NP\_001138898.1, NP\_003642.3 Human, Mouse Rat Rabbit Polyclonal Rabbit IgG 152-181

### **CSDA Antibody (Center) - Additional Information**

Gene ID 8531

**Other Names** Y-box-binding protein 3, Cold shock domain-containing protein A, DNA-binding protein A, Single-strand DNA-binding protein NF-GMB, YBX3, CSDA, DBPA

#### Target/Specificity

This CSDA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 152-181 amino acids from the Central region of human CSDA.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Precautions**

CSDA Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

### CSDA Antibody (Center) - Protein Information

Name YBX3



## Synonyms CSDA, DBPA

**Function** Binds to the GM-CSF promoter. Seems to act as a repressor. Also binds to full-length mRNA and to short RNA sequences containing the consensus site 5'-UCCAUCA-3'. May have a role in translation repression (By similarity).

Cellular Location Cytoplasm. Nucleus.

**Tissue Location** Highly expressed in skeletal muscle and heart.

# CSDA Antibody (Center) - Protocols

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

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

## **CSDA Antibody (Center) - Images**



CSDA Antibody (Center) (Cat.# AP14659c) western blot analysis in Y79 cell line and mouse liver lysates (35ug/lane).This demonstrates the CSDA antibody detected the CSDA protein (arrow).

# CSDA Antibody (Center) - Background

CSDA binds to the GM-CSF promoter. Seems to act as a repressor. Binds also to full length mRNA and to short RNA sequences containing the consensus site 5'-UCCAUCA-3'. May have a role in translation repression (By similarity).

# CSDA Antibody (Center) - References



Lima, W.R., et al. J. Am. Soc. Nephrol. 21(3):478-488(2010) Wang, G.R., et al. Acta Pharmacol. Sin. 30(10):1436-1442(2009) Sharpe Elles, L.M., et al. Nucleic Acids Res. 37(19):6503-6514(2009) Buchert, M., et al. Gastroenterology 137(1):156-164(2009) Hayashi, J., et al. Int. J. Oncol. 21(4):847-850(2002)