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STI1P (HOP) Antibody
Catalog # ASM10463

Specification

STI1P (HOP) Antibody - Product Information

Application	**WB, FC**
Primary Accession	P15705
Other Accession	NP_014670.1
Host	**Rabbit**
Reactivity	**Mouse, Yeast**
Clonality	**Polyclonal**

Description
Rabbit Anti-Yeast STI1P (HOP) Polyclonal

Target/Specificity
Detects ~ 66kDa.

Other Names
STIP1 Antibody, Sti1 yeast Antibody, Hop Antibody, HSC70/HSP90 organizing protein Antibody, Epididymis secretory sperm binding protein Li 94n antibody, HEL S 94n antibody, Hop antibody, HSC70/HSP90 organizing protein antibody, HSC70/HSP90-organizing protein antibody, IEF SSP 3521 antibody, NY REN 11 antigen antibody, P60 antibody, Renal carcinoma antigen NY-REN-11 antibody, STI1 antibody, STI1L antibody, STIP1 antibody, Stress induced phosphoprotein 1 antibody, Stress-induced-phosphoprotein 1 antibody, Transformation sensitive protein IEF SSP 3521 antibody, Transformation-sensitive protein IEF SSP 3521 antibody

Immunogen
Yeast Sti1p raised against peptide(CDINQSNSMPKEPET)-KLH fusion

Purification
Rabbit Antiserum

Storage	**-20ºC**

Storage Buffer
Rabbit Antiserum, PBS, 50% glycerol

Shipping Temperature	**Blue Ice or 4ºC**

Certificate of Analysis
0.5 µg/ml of SPC-203 was sufficient for detection of Sti1p (HOP) in 20 µg of W303 yeast lysate by colorimetric immunoblot analysis using Goat anti-rabbit IgG:HRP as the secondary antibody.

Cellular Localization
Cytoplasm | Nucleus

STI1P (HOP) 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 Cytomety
- Cell Culture

STI1P (HOP) Antibody - Images

STI1P (HOP) Antibody - Background

The stress inducible protein Sti1p is also commonly known as HSP70-HSP90 organization protein (HOP). It is located in diverse cellular regions and can move between the cytoplasm and the nucleus. It functions to reversibly link together the protein chaperones HSP70 and HSP90. HOP contains three tetratricopeptide repeat (TPR) domains, TPR1, TPR2a and TPR2b. HSP70 binding has been localized to TRP1 and sp90 binding have been localized to TPR2a (1). It has also been found to modulate the chaperone activities of the linked proteins and possible interacts with other chaperones and proteins. It has also been found to participate in other complexes besides the HSP70/HSP90 one (2). HOP is closely related to human 63kDa protein that is sensitive to simian virus SV40 transformation, and is related to the yeast heat-shock- responsive STI1 gene product (3, 4).

STI1P (HOP) Antibody - References

1. Flom G., Behal R.H., Rosen L., Cole D.G., Johnson J.L. (2007) Biochem J. 404(1): 159-167.
2. Harst A., Lin H., Obermann W.M. (2005) Biochem J. 387 (pt3): 789-796.
3. Honore B.H., et al. (1992) J Biol Chem. 267: 8485- 8491.
4. Nicolet C.M., et al. (1989) Mol Cell Bio. 9: 3638-3646.