

HSF1(Phospho Ser303) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP10171
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human HSF1 around the phosphorylation site of Ser303. AA range:270-319
Mol wt	30603
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Heat shock factor protein 1
Synonyms	Heat shock factor protein 1; HSF1; HSTF1; Heat shock factor protein 1; HSF 1; Heat shock transcription factor 1; HSTF 1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The product of this gene is a transcription factor that is rapidly induced after temperature stress and binds heat shock promoter elements (HSE). This protein plays a role in the regulation of lifespan. Expression of this gene is repressed by phosphorylation, which promotes binding by heat shock protein 90.

Recommended Dilution

WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

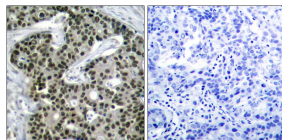
IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

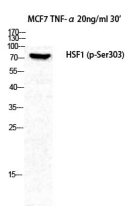
ELISA: 1: 20000

Not yet tested in other applications.

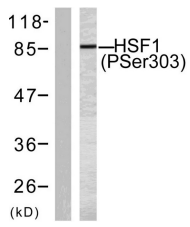
Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using HSF1 (Phospho-Ser303) Antibody. The picture on the right is blocked with the phospho peptide.



Western Blot analysis of MCF7+TNF cells using Phospho-HSF1 (S303) Polyclonal Antibody diluted at 1:1000



Western blot analysis of lysates from MCF7 cells treated with TNF- α 20ng/ml 30', using HSF1 (Phospho-Ser303) Antibody. The lane on the left is blocked with the phospho peptide.

Storage

-20°C for 1 year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com