Datasheet for ABIN7138603

anti-HBP1 antibody (pSer402)

1 Image

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Overview

Quantity:	100 µL
Target:	HBP1
Binding Specificity:	pSer402
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HBP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Peptide sequence around phosphorylation site of serine 402 (C-G-S(p)-P-G) derived from Human HBP1.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy usi

Target Details

Target:	HBP1
Alternative Name:	HBP1 (HBP1 Products)

Target Details

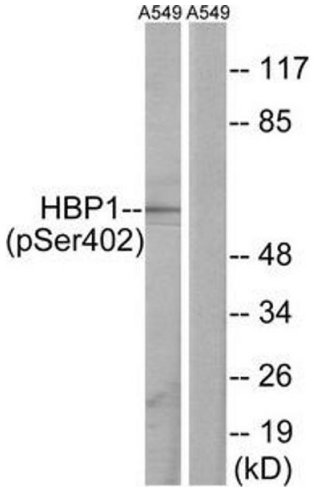
Background:	Background: Transcriptional repressor that binds to the promoter region of target genes. Plays a role in the regulation of the cell cycle and of the Wnt pathway. Binds preferentially to the sequence 5'-TTCATTCATTCA-3'. Binding to the H1F0 promoter is enhanced by interaction with RB1. Disrupts the interaction between DNA and TCF4. Aliases: FLJ16340 antibody, HBP 1 antibody, HBP1 antibody, HBP1_HUMAN antibody, High mobility group box transcription factor 1 antibody, HMG box containing protein 1 antibody, HMG box transcription factor 1 antibody, HMG box-containing protein 1 antibody
UniProt:	O60381

Application Details

Application Notes:	WB:1:500-1:3000,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western blot analysis of extracts from A549 cells, treated with PMA (125 ng/mL, 30 mins), using HBP1 (Phospho-Ser402) antibody. The lane on the right is treated with the synthesized peptide.