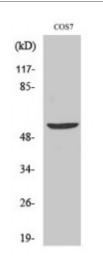


Anti-HBP1 antibody





Description Rabbit polyclonal to HBP1.

Model STJ93468

Host Rabbit

Reactivity Human, Mouse, Rat, Simian

Applications ELISA, IHC, WB

Immunogen Synthesized peptide derived from human HBP1

Immunogen Region 400-480 aa, C-terminal

Gene ID 26959

Gene Symbol HBP1

Dilution range WB 1:500-1:2000IHC 1:100-1:300ELISA 1:10000

Specificity HBP1 Polyclonal Antibody detects endogenous levels of HBP1 protein.

Purification The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Note For Research Use Only (RUO).

Protein Name HMG box-containing protein 1 HMG box transcription factor 1 High mobility

group box transcription factor 1

Molecular Weight 57 kDa

Clonality Polyclonal

Conjugation Unconjugated

Isotype IgG

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Concentration 1 mg/ml

Storage Instruction Store at -20°C, and avoid repeat freeze-thaw cycles.

Database Links <u>HGNC:23200</u>OMIM:NA

Alternative Names HMG box-containing protein 1 HMG box transcription factor 1 High mobility

group box transcription factor 1

Function 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.

Cellular Localization Nucleus

 $\textbf{St John's Laboratory Ltd} \hspace{1.5cm} \textbf{F} + 44 \ (0) 207 \ 681 \ 2580$

F +44 (0)207 681 2580 **W** http://www.stjohnslabs.com/ **T** +44 (0)208 223 3081 **E** info@stjohnslabs.com