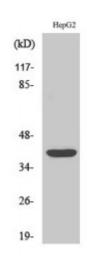
St John's Laboratory

Anti-PU.1 antibody



Description Rabbit polyclonal to PU.1.

Model STJ95271

Host Rabbit

Reactivity Human, Mouse, Rat, Simian

Applications ELISA, IF, IHC, WB

Immunogen Synthesized peptide derived from human PU.1

Immunogen Region 150-230 aa, Internal

Gene ID <u>6688</u>

Gene Symbol SPI1

Dilution range WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:40000

Specificity PU.1 Polyclonal Antibody detects endogenous levels of PU.1 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 Transcription factor PU.1 31 kDa-transforming protein

Molecular Weight 32 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:11241OMIM:165170</u>

Alternative Names Transcription factor PU.1 31 kDa-transforming protein

Function Binds to the PU-box, a purine-rich DNA sequence (5'-GAGGAA-3') that can

act as a lymphoid-specific enhancer. This protein is a transcriptional activator that may be specifically involved in the differentiation or activation of macrophages or B-cells. Also binds RNA and may modulate pre-mRNA

splicing.

Cellular Localization Nucleus

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