Phospho-Stat3 (Ser727) Antibody

For Research Use Only. Not For Use In Diagnostic Procedures.

Applications | Species Cross-Reactivity | Molecular Wt. | Source | Endogenous
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W, IP, ChIP | H, M, R, (Hm, B, Dg, Pg, Hr) | 86 kDa | Rabbit**

Storage: Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA and 50% glycerol. Store at −20°C. Do not aliquot the antibody.

**Species cross-reactivity is determined by western blot.

**Anti-rabbit secondary antibodies must be used to detect this antibody.

Recommended Antibody Dilutions:
- Western Blotting: 1:1000
- Immunoprecipitation: 1:50
- Chromatin IP: 1:50

Optimal ChIP conditions: 10 µl of antibody & 10 µg of chromatin (4 x 10^6 cells) per IP. Antibody validated using SimpleChIP® Enzymatic ChIP Kits.

For application specific protocols please see the web page for this product at www.cellsignal.com.

Please visit www.cellsignal.com for a complete listing of recommended companion products.

Application:
- Western Blotting
- Immunoprecipitation
- Chromatin IP

Source/Purification: Polyclonal antibodies are produced by immunizing animals with a synthetic phosphopeptide corresponding to residues surrounding Ser727 of mouse Stat3. Antibodies are purified by protein A and peptide affinity chromatography.

Background References:

IMPORTANT: For western blots, incubate membrane with diluted antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.