



Lamin A/B (Phospho-Ser392) Antibody

E11-0503A

Catalog Number: E11-0503A

Concentration: 1mg/ml

Swiss-Prot No.: P02545

Other Names: 70 kDa lamin, LAMA, LMN1, LMNA

All Sites: Human: Ser392; Mouse: Ser392; Rat: Ser392

Storage/Stability: Store at -20°C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human Lamin A/B (lamin A/C) around the phosphorylation site of serine 392 (S-P-S^P-P-T).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: Lamin A/B (Phospho-Ser392) antibody detects endogenous levels of Lamin A/B (lamin A/C) only when phosphorylated at serine 392.

Reactivity: Human, Mouse, Rat

Applications: WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:1000

References:

Dan Constantinescu, Stem Cells, Jan 2006; 24: 177 - 185.

Jan Lammerding, J. Biol. Chem., Sep 2006; 281: 25768 - 25780.

Carmen Ivorra, Genes & Dev., Feb 2006; 20: 307 - 320.

Dayle McClintock, PNAS, Feb 2006; 103: 2154 - 2159.

