



53BP1 (Phospho-Ser6) Antibody

E11-0760A

Catalog Number: E11-0760A

Concentration: 1mg/ml

Swiss-Prot No.: Q12888

Other Names: p53-binding protein 1; P531; TP53B; TP53BP1; TRP53BP1; Tumor suppressor p53-binding protein 1

All Sites: Human: Ser6; Mouse: Ser6; Rat: Ser11

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 53BP1 around the phosphorylation site of serine 6 (T-G-S^P-Q-L).

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: 53BP1 (Phospho-Ser6) antibody detects endogenous levels of 53BP1 only when phosphorylated at serine 6.

Reactivity: Human, Mouse, Rat

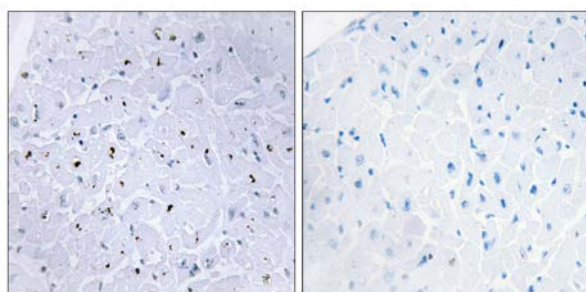
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:5000

References:

Iwabuchi K., J. Biol. Chem. 273:26061-26068(1998).

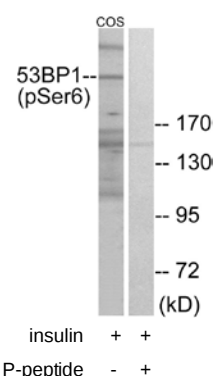
The MGC Project Team; Genome Res. 14:2121-2127(2004).

Iwabuchi K., Proc. Natl. Acad. Sci. U.S.A. 91:6098-6102(1994).



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human heart tissue using 53BP1 (Phospho-Ser6) antibody.



Western blot analysis of extracts from COS-7 cells, treated with insulin (0.01U/ml, 15mins), using 53BP1 (Phospho-Ser6) antibody.

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