



Polyclonal Anti-P73 alpha (Sepharose Bead Conjugate)

Catalogue No. PA1064-S

Lot No. 03A01

Ig type: rabbit IgG

Size: 100µg/vial

Specificity

Human, mouse, rat. No cross reactivity with other proteins.

Recommended application

(Immunoprecipitation(IP))

Immunogen

A peptide mapping at the C-terminal end of human P73α, identical to the related rat and mouse sequence.

Purification

Immunogen affinity purified.

Formulation

50% slurry in PBS pH 7.2 with 0.01mg NaN₃ preservative.

Storage

Store at 4°C for frequent use.

Description:

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays

BACKGROUND

p73 is a substrate of the c-Abl kinase and that the ability of c-Abl to phosphorylate p73 is markedly increased by gamma-irradiation. Moreover, p73 was phosphorylated in vivo in response to ionizing radiation. p73, a member of the p53 family of tumour-suppressor proteins, can also induce apoptosis. p73 gene is mapped to chromosome 1p36. p73 is regulated by tyrosine kinase c-Abl in the apoptotic response to DNA damage.

REFERENCE

1. Kaghad, M.; Bonnet, H.; Yang, A.; Creancier, L.; Biscan, J.-C.; Valent, A.; Minty, A.; Chalon, P.; Lelias, J.-M.; Dumont, X.; Ferrara, P.; McKeon, F.; Caput, D. : Monoallelically expressed gene related to p53 at 1p36, a region frequently deleted in neuroblastoma and other human cancers. Cell 90: 809-819, 1997.
2. Agami, R.; Blandino, G.; Oren, M.; Shaul, Y. : Interaction of c-Abl and p73-alpha and their collaboration to induce apoptosis. Nature 399: 809-813, 1999.
3. Yuan, Z.-M.; Shioya, H.; Ishiko, T.; Sun, X.; Gu, J.; Huang, Y. Y.; Lu, H.; Kharbanda, S.; Weichselbaum, R.; Kufe, D. : p73 is regulated by tyrosine kinase c-Abl in the apoptotic response to DNA damage. Nature 399: 814-817, 1999.

For Research Use Only not for diagnostic and clinical use

Contact: Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: Info@antageneinc.com