

Product datasheet for **TA327976**

p63 (TP63) Rabbit Polyclonal Antibody [Clone ID: Poly6190]

Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | Poly6190 |
| Applications: | IF, WB |
| Recommended Dilution: | WB, IF, IHC |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Modified peptide |
| Formulation: | This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 50% glycerol. |
| Purification: | The antibody was purified by antigen-affinity chromatography. |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 52 kD, 45 kD |
| Gene Name: | tumor protein p63 |
| Database Link: | NP_003713 Entrez Gene 8626 Human Q9H3D4 |
| Background: | p63 (Δ N) is a member of the p53 family. This protein has multiple isoforms TA p63- α , - β , γ , Δ N p63- α , - β , and - γ . The molecular weights of the p63 isoforms α =66 kD, β =52 kD, and γ =45 kD. This nuclear protein is essential for limb formation, epidermal morphogenesis, and epithelial stem cell regeneration. Δ N isoforms are antagonistic to p53; TA isoforms can transactivate p53 targets. The p63 Δ N isoforms repress TA isoforms; mutant p53 abrogates p63 transactivation. This protein interacts with p53, p73, and the various TA- and Δ N isoforms. The Poly6190 antibody recognizes human p63 Δ N isoforms and has been shown to be useful for Western blotting. |

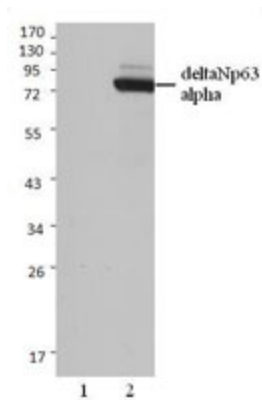


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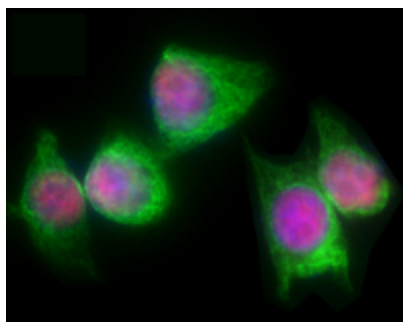
Synonyms: AIS; B(p51A); B(p51B); EEC3; KET; LMS; NBP; OFC8; p40; p51; p53CP; p63; p73H; p73L; RHS; SHFM4

Protein Families: Druggable Genome, Transcription Factors

Product images:



Non-transfected 293 cell lysates (Lane 1) and p63 (deltaN) transfected 293 cell lysates (Lane 2) were resolved by electrophoresis, transferred to nitrocellulose, and probed with anti-p63 (deltaN) antibody (clone Poly6190). Proteins were visualized using a donkey anti-rabbit-IgG secondary conjugated to HRP and chemiluminescence detection.



Immunofluorescent microscope analysis of HeLa cells using anti-p63 Δ N polyclonal antibody (poly6190) (red). a-tubulin (clone 10D8) has been labeled with green and nuclei were stain with DAPI (blue).