

Product Data Sheet

Purified anti-p63 (TA)

Catalog # / Size: 618901 / 50 µl (5 Western blots)
 618902 / 200 µl (20 Western blots)

Clone: Poly6189

Isotype: Rabbit IgG

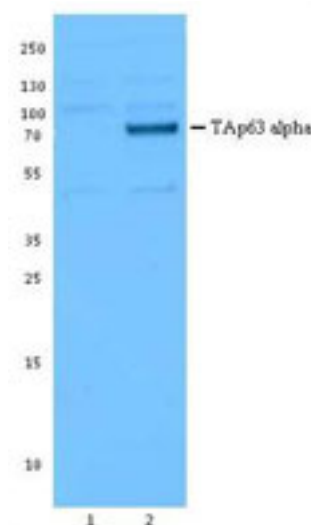
Immunogen: Modified peptide

Reactivity: Human, recognizes TA-isoforms

Preparation: The antibody was purified by antigen-affinity chromatography.

Formulation: This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 50% glycerol.

Storage: Upon receipt, store frozen at -20° C.



Applications:

Applications: WB - *Quality tested*

Recommended Usage: Each lot of this antibody is quality control tested by Western blotting. Western blotting, suggested working dilution(s): Use 10 µl per 5 ml antibody dilution buffer for each mini-gel. It is recommended that the reagent be titrated for optimal performance for each application.

Description: p63 (TA) is a member of the p53 family. This protein has multiple isoforms TA p63- α , - β , - γ , and δ N p63- α , - β , - γ . The molecular weight of the TA p63 isoforms α =77 kD, β =62 kD, and γ =56 kD. This nuclear protein is essential for limb formation, epidermal morphogenesis, 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 p63 TA- and δ N isoforms. The Poly6189 antibody recognizes human p63 TA isoforms and has been shown to be useful for Western blotting.

Non-transfected 293 cell lysates (Lane 1) and TAp63 α -transfected 293 cell lysates (Lane 2) were resolved by electrophoresis, transferred to nitrocellulose, and probed with anti-p63 (TA) antibody (Poly6189). Proteins were visualized using a donkey anti-rabbit-IgG secondary conjugated to HRP and chemiluminescence detection.

Antigen References:

1. Yang A, *et al.* 1998. *Mol Cell.* 2:305.
2. Celli J, *et al.* 1999. *Cell.* 99:143.
3. Ghioni P, *et al.* 2002. *Mol Cell Biol.* 22:8659.
4. Waltermann A, *et al.* 2003. *Oncogene.* 22:5686.

Related Products:

Product
 Purified anti-p53
 Purified anti-p53-Acetylated (Lys305)
 Purified anti-p53-Acetylated (Lys382)
 Purified anti-p63 (Δ N)
 HRP Donkey anti-rabbit IgG (minimal x-reactivity)

Clone
 Poly6140
 Poly6141
 Poly6142
 Poly6190
 Poly4064

Application
 WB
 WB
 WB
 WB, IF
 ELISA, IHC, WB



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