

## Goat anti-TAp63alpha / deltaNp63alpha Antibody

<b>Item Number</b>	dAP-2316
<b>Target Molecule</b>	Principle Name: TAp63alpha / deltaNp63alpha; Official Symbol: TP63; All Names and Symbols: TP63; tumor protein p63; AIS; B(p51A); B(p51B); EEC3; KET; LMS; NBP; OFC8; RHS; SHFM4; TP53CP; TP53L; TP73L; p40; p51; p53CP; p63; p73H; p73L; CUSP; OTTHUMP00000209734; OTTHUMP00000209738; OTTHUMP00000209740; OTTHUMP00000209741; OTTHUMP00000209742; amplif; Accession Number (s): NP_003713.3; NP_001108452.1; Human Gene ID(s): 8626; Non-Human GeneID(s): 22061 (mouse)
<b>Immunogen</b>	RNKQQRIKEEGE, is from C Terminus This antibody is expected to recognize isoform 1 (NP_003713.3) and isoform 4 (NP_001108452.1) of TP63 .
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human, Mouse, Rat
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx 75-80kDa band observed in Human, Mouse and Rat Heart lysates (calculated MW of 76.8kDa according to NP_003713.3). Recommended concentration: 0.3-1µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Miki D, Kubo M, Takahashi A, Yoon KA, Kim J, Lee GK, Zo JI, Lee JS, Hosono N, Morizono T, Tsunoda T, Kamatani N, Chayama K, Takahashi T, Inazawa J, Nakamura Y, Daigo Y, Variation in TP63 is associated with lung adenocarcinoma susceptibility in Japanese and Korean populations. <i>Nature genetics</i>

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**