

Rabbit p40 (deltaNp63) Polyclonal Antibody | anti-TP63 antibody

p40 (deltaNp63) (Squamous, Basal & Myoepithelial Cell Marker) Rabbit Polyclonal Antibody

CATALOG # AAA13805	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Cow	APPLICATIONS Western Blot, Immunohistochemistry
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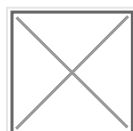
PRODUCT SYNONYMS

p40 (deltaNp63); Polyclonal Antibody; p40 (deltaNp63) (Squamous; Basal & Myoepithelial Cell Marker) Rabbit Polyclonal Antibody; deltaNp63; TP63; anti-TP63 antibody

PRODUCT SPECIFICATIONS

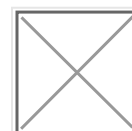
Host	Rabbit
Reactivity	Human, Mouse, Rat, Cow
Clonality	Polyclonal
Isotype	IgG/kappa
Form/Format	200ug/ml of Ab Purified from rabbit anti-serum by Protein A. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA at 1.0mg/ml.
Sequence Length	555
Applicable Applications for anti-TP63 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	IHC: 1-2ug/ml 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes. WB: 2-4ug/ml
Cellular Localization	Nucleus
Immunogen	A synthetic peptide (ENNAQTQFSEPQY) corresponding to aa5-17 of human p40
Research Areas	Apoptosis, Basal Cell Marker, Cancer, Nuclear Marker, Stem Cell Differentiation, Transcription Factors
Positive Control	HEK293 cells. Prostate Carcinoma or Lung Squamous Cell Carcinoma.
Specificity Note	p40 (p63 delta) is a marker recently determined to be highly specific for squamous basal cells in the immunohistochemistry (IHC) application. The current more routinely recommended marker, p63, appears to have less specificity compared to p40, especially on squamous cell tumors. The ability to differentiate between lung adenocarcinoma vs. squamous cell carcinoma is difficult and has bearing on the different therapeutic avenues for each subtype treatment. p63 antibody's ability to distinguish between the tumor types appears to be inferior when compared to p40. The ability to utilize an antibody probe for p40 as a squamous cell marker bolsters its use for future sub-classification of lung cancers, especially by immunohistochemical techniques.
Preparation and Storage	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE

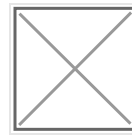
SDS-PAGE Analysis of Purified p40 Rabbit Polyclonal Antibody.



WB (Western Blot)



IHC (Immunohistochemistry)



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded Prostate Carcinoma stained with p40 Rabbit Polyclonal Antibody.

ADDITIONAL INFORMATION

References	Bishop, JA et. al. Modern Pathology 25 : 405-4152. Scagliotti G et. al. J Thorac Oncol 6:64-70. 3. Kargi A et. al. Appl Immunohistochem Mol Morphol 15:415-420
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NCBI AND UNIPROT INFORMATION

NCBI GI #	169234657
NCBI GeneID	8626
NCBI Accession #	NP_001108450.1
NCBI GenBank Nucleotide #	NM_001114978.1
UniProt Accession #	Q9H3D4; O75080; O75195; O75922; O76078; Q6VEG2; Q6VEG3; Q6VEG4; Q6VFJ1; Q6VFJ2; Q6VFJ3; Q6VH20
Molecular Weight	40kDa
NCBI Official Full Name	tumor protein 63 isoform 2
NCBI Official Synonym Full Names	tumor protein p63
NCBI Official Symbol	TP63
NCBI Official Synonym Symbols	AIS; KET; LMS; NBP; RHS; p40; p51; p63; EEC3; OFC8; p73H; p73L; SHFM4; TP53L; TP73L; p53CP; TP53CP; B(p51A); B(p51B)
NCBI Protein Information	tumor protein 63
UniProt Protein Name	Tumor protein 63
UniProt Gene Name	TP63
UniProt Synonym Gene Names	KET; P63; P73H; P73L; TP73L; p63; CUSP; TP63; p73L
UniProt Entry Name	P63_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/p40-deltanp63-antibody-western-blot-immunohistochemistry-elisa/13805>