

Rabbit anti-Human p40 Polyclonal Antibody | anti-p40 antibody

p40 (deltaNp63) (Squamous, Basal & Myoepithelial Cell Marker)

CATALOG # AAA215271	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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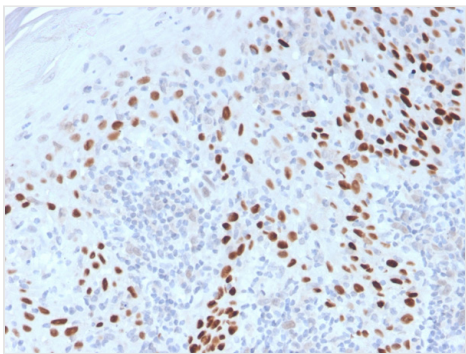
PRODUCT SYNONYMS

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

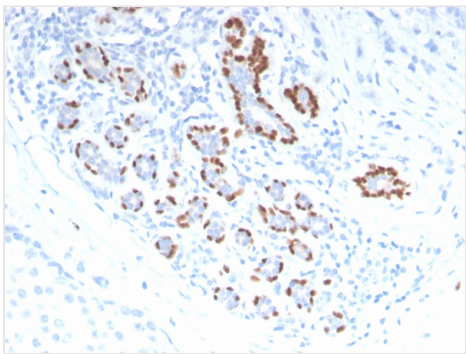
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	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.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab Purified by Protein A Column. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	555
Applicable Applications for anti-p40 antibody	IHC (Immunohistochemistry)
Positive Control	Human prostate or lung tissue (IHC).
Immunogen	Recombinant human p40 protein fragment
Cellular Localization	Nuclear
Hu-chromosome Location	3q28
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Antibody without azide: store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed, paraffin-embedded Cervix stained with p40 Rabbit Polyclonal Antibody.



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with p40 Rabbit Polyclonal Antibody.

ADDITIONAL INFORMATION

References	1. Terry J, et al. Am J Surg Pathol. 2010; 34(12):1805-11. 2. Signoretti S, et al. Am J Pathol. 2000; 157(6):1769-75.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	169234657
NCBI GeneID	8626
NCBI Accession #	NP_001108450.1
NCBI GenBank Nucleotide #	NP_001108450.1
UniProt Accession #	Q9H3D4
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.