

Rabbit PAX3 Polyclonal Antibody | anti-PAX3 antibody

PAX3 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287241	Rabbit	Human (Predicted Reactivity: Mouse)	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

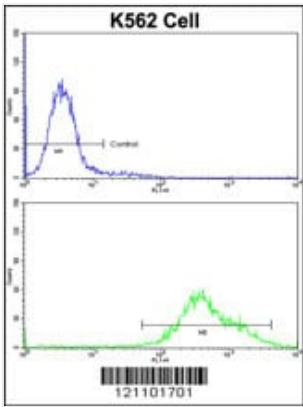
PRODUCT SYNONYMS

PAX3; Polyclonal Antibody; PAX3 Antibody (N-term); Paired box protein Pax-3; HuP2; HUP2; anti-PAX3 antibody

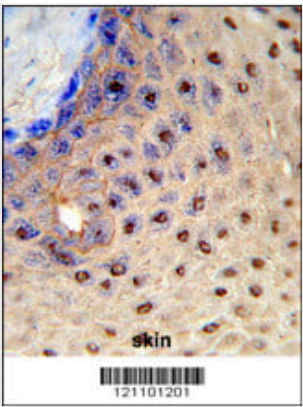
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PAX3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 98-126 amino acids from the N-terminal region of human PAX3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	98-126
Sequence Length	505
Applicable Applications for anti-PAX3 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

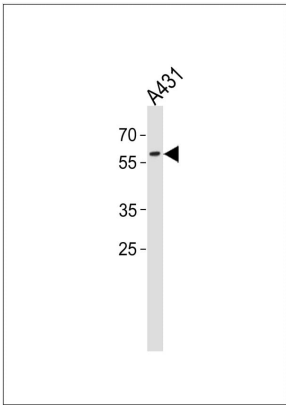
IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of K562 cells using PAX3 Antibody (N-term)(bottom histogram) compared to a negative control cell (top histogram) FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human skin reacted with PAX3 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
PAX3 Antibody (N-term) western blot analysis in A431 cell line lysates (35ug/lane). This demonstrates the PAX3 antibody detected the PAX3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PAX3 antibody	PAX3 probable is a transcription factor associated with development of alveolar rhabdomyosarcoma.
Product Categories/Family for anti-PAX3 antibody	Crown Antibodies; Developmental Biology; Signal Transduction
References	Boutet,S.C., et.al., Cell 130 (2), 349-362 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6654638
NCBI GeneID	5077
NCBI Accession #	NP_000429.2; NP_001120838.1; NP_039230.1; NP_852122.1; NP_852123.1; NP_852124.1; NP_852125.1; NP_852126.1
NCBI GenBank Nucleotide #	NM_000438.5
UniProt Accession #	P23760; Q16448; Q494Z3; Q494Z4; Q53T90; Q6GSJ9; Q86UQ2; Q86UQ3; G5E9C1
Molecular Weight	52968

NCBI Official Full Name	paired box protein Pax-3 isoform PAX3a
NCBI Official Synonym Full Names	paired box 3
NCBI Official Symbol	PAX3
NCBI Official Synonym Symbols	WS1; WS3; CDHS; HUP2
NCBI Protein Information	paired box protein Pax-3
UniProt Protein Name	Paired box protein Pax-3
UniProt Gene Name	PAX3
UniProt Synonym Gene Names	HUP2
UniProt Entry Name	PAX3_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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