

PAX3 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP2944a

Product Information

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|--------------------------|--|
| Application | IHC-P, FC, WB, E |
| Primary Accession | P23760 |
| Other Accession | P47239 , P23759 , P24610 |
| Reactivity | Human |
| Predicted | Mouse |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit IgG |
| Calculated MW | 52968 |
| Antigen Region | 98-126 |

Additional Information

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|---------------------------|--|
| Gene ID | 5077 |
| Other Names | Paired box protein Pax-3, HuP2, PAX3, HUP2 |
| Target/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. |
| Dilution | IHC-P~~1:100~500 FC~~1:10~50 WB~~1:1000 E~~Use at an assay dependent concentration. |
| 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. |
| Storage | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Precautions | PAX3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures. |

Protein Information

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| Name | PAX3 |
| Synonyms | HUP2 |
| Function | Transcription factor that may regulate cell proliferation, migration and |

apoptosis. Involved in neural development and myogenesis. Transcriptional activator of MITF, acting synergistically with SOX10 (PubMed:[21965087](#)).

Cellular Location

Nucleus.

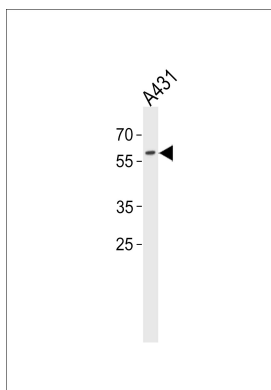
Background

PAX3 probable is a transcription factor associated with development of alveolar rhabdomyosarcoma.

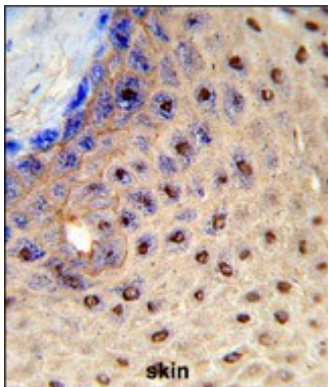
References

Boutet,S.C., et.al., Cell 130 (2), 349-362 (2007)

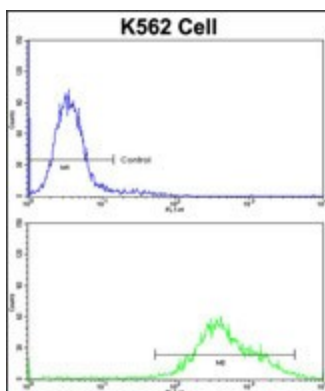
Images



PAX3 Antibody (N-term) (Cat. #AP2944a) western blot analysis in A431 cell line lysates (35ug/lane). This demonstrates the PAX3 antibody detected the PAX3 protein (arrow).



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.



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.