

PAX3 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP2944a

Specification

PAX3 Antibody (N-term) - Product Information

Application	WB, FC, IHC-P,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

PAX3 Antibody (N-term) - Additional Information

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

WB~~1:1000

FC~~1:10~50

IHC-P~~1:50~100

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.

PAX3 Antibody (N-term) - Protein Information

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

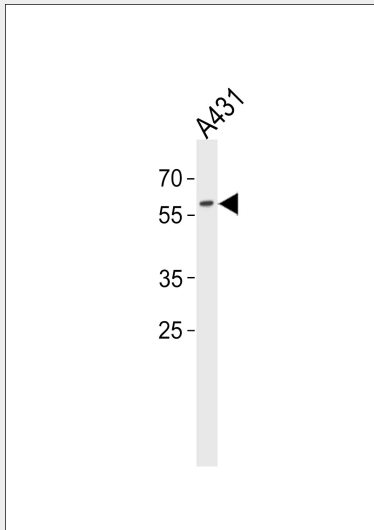
Nucleus.

PAX3 Antibody (N-term) - Protocols

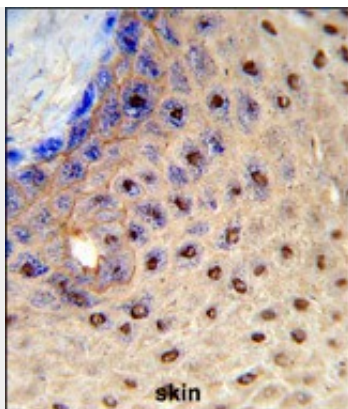
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

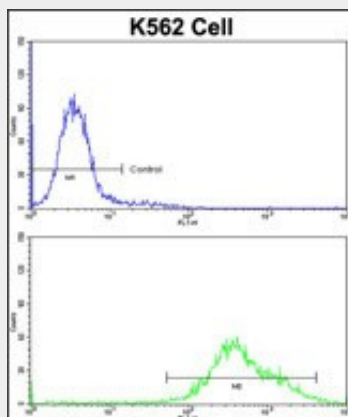
PAX3 Antibody (N-term) - Images



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.

PAX3 Antibody (N-term) - Background

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

PAX3 Antibody (N-term) - References

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