

Rabbit PAX7 Polyclonal Antibody | anti-PAX7 antibody

PAX7 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23408	Rabbit	Tested Reactivity: Human, Mouse Predicted Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Rabbit, Zebrafish	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PAX7; Polyclonal Antibody; PAX7 antibody - N-terminal region; anti-PAX7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Reactivity: Human, Mouse Predicted Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Rabbit, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5 - 1 mg/ml (varies by lot)
Sequence	KEEDEADKK EDDGEKKAKH SIDGILGDKG NRLDEGSDVE SEPDLPKRRK
Applicable Applications for anti-PAX7 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Protein Size (# AA)	520 amino acids
Protein Interactions	TRIM27; MYOD1; Dlg4; WDR5; ASH2L; HIRA; Ubc;
Blocking Peptide	For anti-PAX7
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PAX7
Replacement Item	This antibody may replace item sc-130019 from Santa Cruz Biotechnology.
Predicted Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Preparation and Storage	For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-PAX7 Antibody Titration: 0.05ug/ml Positive Control: Jurkat cell lysate


WB (Western Blot)

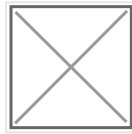
Lanes:1: Mouse skeletal muscle lysate, 2: Mouse skeletal muscle lysate, 3: Mouse skeletal muscle lysate
Primary Antibody Dilution:1:1000 Secondary Antibody:Anti-rabbit HRP Secondary Antibody Dilution:1:10000 Gene Name:PAX7 Submitted by:Anonymous

**WB (Western Blot)**

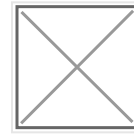
Host: RabbitTarget Name: PAX7Sample Type: JurkatLane A: Primary AntibodyLane B: Primary Antibody + Blocking PeptidePrimary Antibody Concentration: 0.0625ug/mLPeptide Concentration: 8.0ug/mL Lysate Quantity: 25ug/laneGel Concentration: 12%

**WB (Western Blot)**

Host: RabbitTarget Name: PAX7Sample Tissue: Human OVCAR-3 Whole CellAntibody Dilution: 1ug/ml

**IHC (Immunohistochemistry)**

Rabbit Anti-PAX7 AntibodyParaffin Embedded Tissue: Human KidneyCellular Data: Epithelial cells of renal tubuleAntibody Concentration: 4.0-8.0 ug/mLMagnification: 400X

**IHC (Immunohistochemistry)**

Immunohistochemistry with Human Skin lysate tissue at an antibody concentration of 5.0ug/ml using anti-PAX7 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PAX7 antibody	PAX7 is a member of the paired box (PAX) family of transcription factors. Members of this gene family typically contain a paired box domain, an octapeptide, and a paired-type homeodomain. These genes play critical roles during fetal development and cancer growth. The specific function of the paired box gene 7 is unknown but speculated to involve tumor suppression since fusion of this gene with a forkhead domain family member has been associated with alveolar rhabdomyosarcoma. Alternative splicing in this gene has produced two known products but the biological significance of the variants is unknown.
Product Categories/Family for anti-PAX7 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; Developmental Biology; Immunohistochemistry; Cell Structure; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	207029223
NCBI GeneID	5081
NCBI Accession #	NP_002575
NCBI GenBank Nucleotide #	NM_002584
UniProt Accession #	P23759
Molecular Weight	57kDa
NCBI Official Full Name	paired box protein Pax-7 isoform 3
NCBI Official Synonym Full Names	paired box 7
NCBI Official Symbol	PAX7
NCBI Official Synonym Symbols	HUP1; RMS2; PAX7B
NCBI Protein Information	paired box protein Pax-7
UniProt Protein Name	Paired box protein Pax-7
UniProt Gene Name	PAX7
UniProt Synonym Gene Names	HUP1

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/pax7-antibody-immunohistochemistry-western-blot-elisa/23408>