

Rabbit PAX7 Polyclonal Antibody | anti-PAX7 antibody

PAX7 antibody - middle region

CATALOG # AAA197281	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

PAX7; Polyclonal Antibody; PAX7 antibody - middle region; anti-PAX7 antibody

PRODUCT SPECIFICATIONS

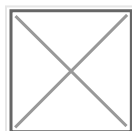
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: KP GDSLPTSQAY CPPTYSTTGY SVDPVAGYQY GQYGQSECLV PWASPVPI
Sequence Length	520
Applicable Applications for anti-PAX7 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PAX7
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-PAX7 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: HT1080 cell lysate

WB (Western Blot)

Host: Rabbit
Target Name: SERPINA3
Sample Type: Human Adult Placenta
Antibody Dilution: 1.0ug/ml

WB (Western Blot)

Host: Rabbit
Target Name: NOP56
Sample Type: Human Fetal Muscle
Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-PAX7 antibody	This is a rabbit polyclonal antibody against PAX7. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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. This gene 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 7 gene 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 ; Cell Biology ; Developmental Biology ; 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-western-blot-elisa/197281>