

Rabbit anti-Human, Mouse PAX7 Polyclonal Antibody | anti-PAX7 antibody

Phospho-PAX7 (Ser203) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328270	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

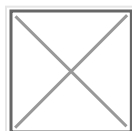
PRODUCT SYNONYMS

PAX7; Polyclonal Antibody; Phospho-PAX7 (Ser203) Antibody; FLJ37460; HUP1; OTTHUMP00000002534; Paired box 7; Paired box gene 7; Paired box homeotic gene 7; Paired box protein Pax-7; Paired domain gene 7; Paired domain gene HuP1; Pax7; PAX7 transcriptional factor; PAX7/FKHR fusion gene; included; PAX7_HUMAN; PAX7B; RGD1564360; RMS2; anti-PAX7 antibody

PRODUCT SPECIFICATIONS

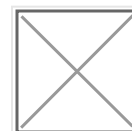
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-PAX7(Ser203) Antibody detects endogenous levels of PAX7 only when phosphorylated at Ser203.
Purity/Purification	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns
Form/Format	Rabbit IgG in Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	505
Applicable Applications for anti-PAX7 antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PAX7 around the phosphorylation site of Ser203.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA328270 staining HeLa cells(4h of LPS treatment) by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA328270 1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab. The nuclear counter stain is DAPI(blue).



WB (Western Blot)

Western blot analysis of extracts from various samples, using Phospho-PAX7(Ser203) Ab. Lane 1: UV treated colo205, blocked with antigen-specific peptides, Lane 2: UV treated colo205, Lane 3: Heat-shock treated HepG2 cells.



IHC (Immunohistochemistry)

At 1/100 staining mouse heart tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary

NCBI AND UNIPROT INFORMATION

NCBI GI #	207029223
NCBI GeneID	5081
NCBI Accession #	NP_001128726.1
NCBI GenBank Nucleotide #	NP_001128726.1
UniProt Accession #	P23759
Molecular Weight	57 kDa
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-peptide-elisa-immunohistochemistry-western-blot-elisa/328270>