

## ARG41524 anti-PAX7 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes PAX7
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PAX7
Species	Human
Immunogen	Synthetic peptide of Human PAX7.
Conjugation	Un-conjugated
Alternate Names	HUP1; RMS2; PAX7B; Paired box protein Pax-7; HuP1

### Application Instructions

Application table	Application	Dilution
	FACS	1:100
	WB	1:1000 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	
Observed Size	~ 56 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Gene Symbol	PAX7
Gene Full Name	paired box 7
Background	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. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2008]
Function	Transcription factor playing a role in myogenesis through regulation of muscle precursor cells proliferation. [UniProt]
Calculated Mw	55 kDa
Cellular Localization	Nucleus. [UniProt]

## Images

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ARG41524 anti-PAX7 antibody WB image

Western blot: HeLa cell lysate stained with ARG41524 anti-PAX7 antibody.