

Datasheet for ABIN2777185  
**anti-PAX7 antibody (Middle Region)**

5 Images

2 Publications

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## Overview

Quantity:	100 µL
Target:	PAX7
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Dog, Guinea Pig, Cow, Rabbit, Goat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAX7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human Pax7
Sequence:	SDVESEPDLP LKRKQRRSRT TFTAEQLEEL EKAFERTHYP DIYTREELAQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 86%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against Pax7. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	PAX7
Alternative Name:	Pax7 ( <a href="#">PAX7 Products</a> )

## Target Details

Background: The function of Pax7 remains unknown.  
Alias Symbols: RGD1564360  
Protein Size: 503

Molecular Weight: 55 kDa

Gene ID: 500574

NCBI Accession: [NM\\_001191984](#), [NP\\_001178913](#)

## Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 503 AA

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

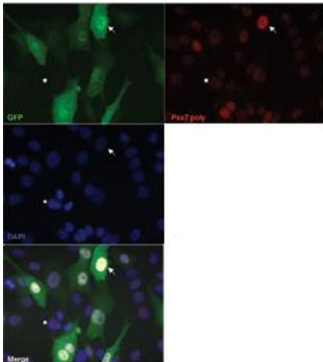
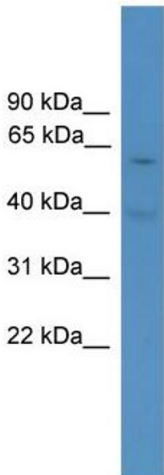
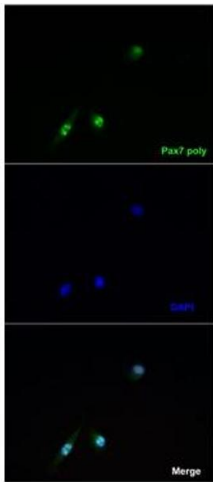
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Publications

Product cited in: Gerhard, Wagner, Feingold, Shenmen, Grouse, Schuler, Klein, Old, Rasooly, Good, Guyer, Peck, Derge, Lipman, Collins, Jang, Sherry, Feolo, Misquitta, Lee, Rotmistrovsky, Greenhut, Schaefer, Buetow et al.: "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). ..." in: **Genome research**, Vol. 14, Issue 10B, pp. 2121-7, (

2004) ([PubMed](#)).

Images



**PAX7 (ARP30947\_P050)**  
Indirect Fluorescent  
Immunostaining  
Overexpression of Pax7 in  
C2C12 cells  
Dilution: 1 to 100  
Application data in forum

Submitted by:  
Peter Zammit  
King's College London

Immunofluorescence

Image 1.

Immunofluorescence

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Sample

Type:

Overexpression of Pax7 in C2C12 cellsDilution: 1:100

Western Blotting

Image 2.

WB Suggested Anti-Pax7 Antibody Titration: 0.2-1

ug/ml ELISA Titer: 1:312500 Positive Control: Rat Muscle

Immunofluorescence

Image 3.

Immunofluorescence

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Sample

Type:

Overexpression of Pax7 in C2C12 cellsDilution: 1:100

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2777185.