

Datasheet for ABIN2777560
anti-PAX7 antibody (C-Term)[Go to Product page](#)

2 Images

6 Publications

Overview

Quantity:	100 µL
Target:	PAX7
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Cow, Rabbit, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAX7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of PAX7
Sequence:	QADFSISPLH GGLDSATSIS ASCSQRADSI KPGDSLPTSQ AYCPTTYSTT
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%
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 (PAX7 Products)

Target Details

Background:	<p>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.</p> <p>Alias Symbols: FLJ37460, HUP1, PAX7B, RMS2</p> <p>Protein Interaction Partner: TRIM27, MYOD1, Dlg4, WDR5, ASH2L, HIRA, Ubc,</p> <p>Protein Size: 520</p>
Molecular Weight:	57 kDa
Gene ID:	5081
NCBI Accession:	NM_002584 , NP_002575
UniProt:	P23759

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 520 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

Handling

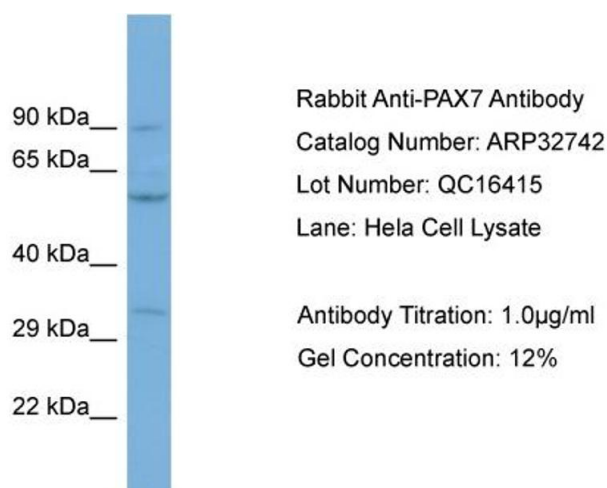
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Ursini, Cavalleri, Fazio, Angrisano, Iacovelli, Porcelli, Maddalena, Punzi, Mancini, Gelao, Romano, Masellis, Calabrese, Rampino, Taurisano, Di Giorgio, Keller, Tarantini, Sinibaldi, Quarto et al.: "BDNF rs6265 methylation and genotype interact on risk for schizophrenia. ..." in: **Epigenetics**, Vol. 11, Issue 1, pp. 11-23, (2016) ([PubMed](#)).

There are more publications referencing this product on: [Product page](#)

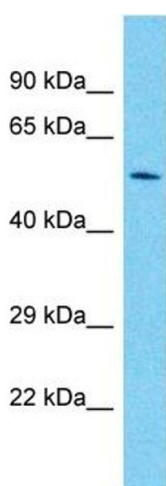
Images



Western Blotting

Image 1. WB Suggested Anti-PAX7 Antibody Titration: 0.2-1 µg/ml

Positive Control: HepG2 cell lysate



Western Blotting

Image 2. Host: Rabbit Target Name: PAX7 Sample Type: Fetal heart lysates Antibody Dilution: 1.0 µg/ml