

Datasheet for ABIN6940260
anti-PAX7 antibody (AA 301-505)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	PAX7
Binding Specificity:	AA 301-505
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Chicken
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PAX7 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fragment (aa301-505) of human PAX7 protein (exact sequence is proprietary)
Clone:	PAX7-497
Isotype:	IgG1 kappa
Purification:	Purified by Protein A/G

Target Details

Target:	PAX7
Alternative Name:	PAX7 (PAX7 Products)
Background:	The Pax gene family of nuclear transcription factors is comprised of nine members that function during embryogenesis to regulate the temporal and position-dependent differentiation

Target Details

of cells. In addition, the family is involved in a variety of signal transduction pathways in the adult organism. Mutations in the Pax family of proteins have been linked to disease and cancer in humans. Pax-7 is a protein specifically expressed in cultured satellite cell-derived myoblasts. In situ hybridization reveals that Pax-7 is also expressed in satellite cells residing in adult muscle. A chromosomal aberration in the gene encoding Pax-7 causes rhabdomyosarcoma 2 (RMS2) (also called alveolar rhabdomyosarcoma).

Molecular Weight:	57kDa
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Gene ID:	5081
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UniProt:	P23759
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Application Details

Application Notes:	Positive Control: HeLa, Jurkat, A431, MCF-7, U2OS or NIH/3T3 cells. Rhabdomyosarcoma (RMS). Known Application: Immunofluorescence (0.5-1 µg/mL), Flow Cytometry (0.5-1 µg/million cells), Western Blot (0.5-1 µg/mL)Optimal dilution for a specific application should be determined.
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Restrictions:	For Research Use only
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Handling

Concentration:	200 µg/mL
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Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
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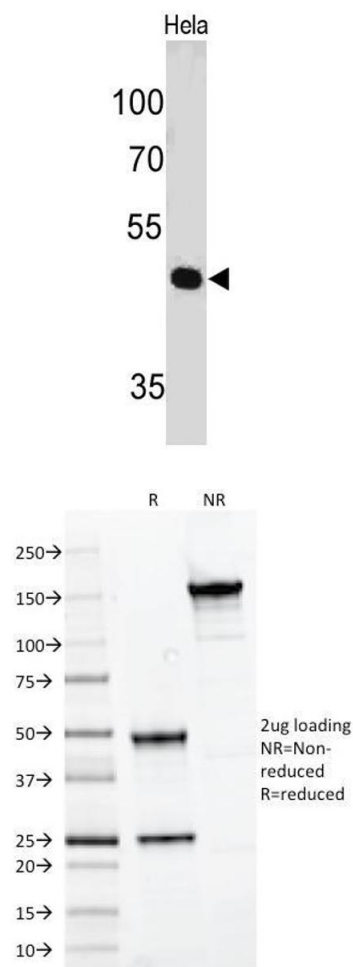
Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C,-80 °C
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Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
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Expiry Date:	24 months
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Western Blotting

Image 1. Western Blot of HeLa cell lysate using PAX7 Mouse Monoclonal Antibody (PAX7/497).

SDS-PAGE

Image 2. SDS-PAGE Analysis Purified PAX7 Mouse Monoclonal Antibody (PAX7/497).