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Datasheet for ABIN6242391  
**anti-HOXA7 antibody (AA 82-114)**

2 Images

Overview

Quantity:	200 µL
Target:	HOXA7
Binding Specificity:	AA 82-114
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXA7 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This HOXA7 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 82-114 amino acids from the Central region of human HOXA7.
Clone:	RB56769
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	HOXA7
Alternative Name:	HOXA7 ( <a href="#">HOXA7 Products</a> )
Background:	Sequence-specific transcription factor which is part of a developmental regulatory system that

## Target Details

provides cells with specific positional identities on the anterior-posterior axis.

Molecular Weight: 25355

UniProt: [P31268](#)

## Application Details

Application Notes: WB: 1:2000. FC: 1:25

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

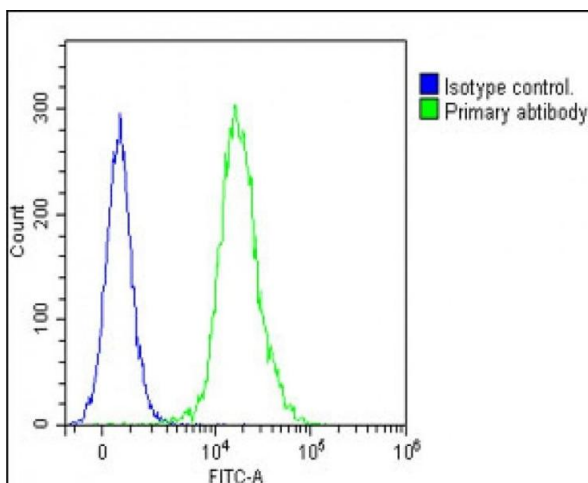
Preservative: Sodium azide

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

Storage: 4 °C,-20 °C

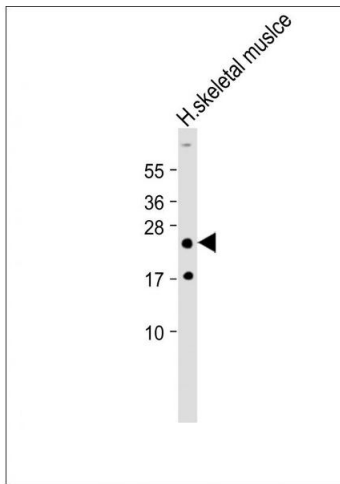
Expiry Date: 6 months

## Images



### Flow Cytometry

**Image 1.** Overlay histogram showing Jurkat cells stained with (ABIN6242391 and ABIN6578828)(green line). The cells were fixed with 2 % paraformaldehyde and then permeabilized with 90 % methanol for 10 min. The cells were then incubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at Room temperature. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of >10, 000 events was



performed.

### Western Blotting

**Image 2.** Anti-HOXA7 Antibody (Center) at 1:2000 dilution + Human skeletal muscle lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 25 kDa  
Blocking/Dilution buffer: 5 % NFDm/TBST.