

Datasheet for ABIN657606  
**anti-HYAL4 antibody (AA 143-172)**

## 3 Images

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## Overview

Quantity:	400 µL
Target:	HYAL4
Binding Specificity:	AA 143-172
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HYAL4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This HYAL4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 143-172 amino acids from the Central region of human HYAL4.
Clone:	RB33524
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	HYAL4
Alternative Name:	HYAL4 ( <a href="#">HYAL4 Products</a> )
Background:	This gene encodes a protein which is similar in structure to hyaluronidases. Hyaluronidases

## Target Details

intracellularly degrade hyaluronan, one of the major glycosaminoglycans of the extracellular matrix. Hyaluronan is thought to be involved in cell proliferation, migration and differentiation. However, this protein has not yet been shown to have hyaluronidase activity. [provided by RefSeq].

Molecular Weight: 54249

Gene ID: 23553

NCBI Accession: [NP\\_036401](#)

UniProt: [Q2M3T9](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

## Application Details

Application Notes: WB: 1:2000. WB: 1:1000. IHC-P-Leica: 1:500

Restrictions: For Research Use only

## Handling

Format: Liquid

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

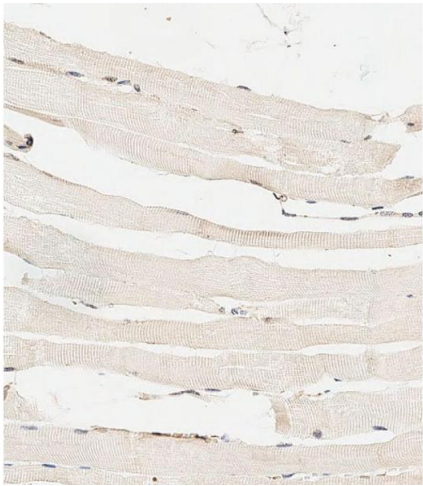
Preservative: Sodium azide

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

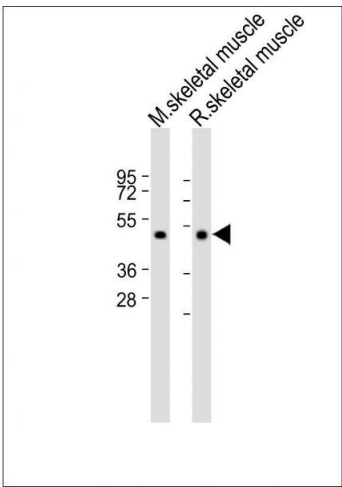
Storage Comment: HYAL4 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months



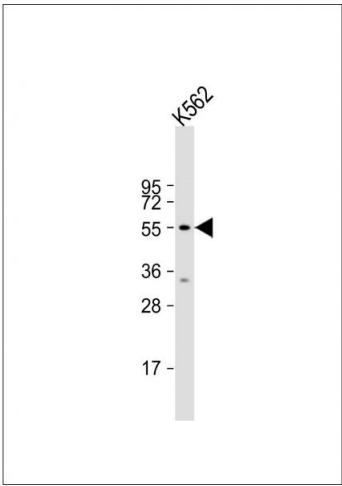
**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Immunohistochemical analysis of paraffin-embedded Human skeletal muscle tissue using C performed on the Leica® BOND RXm. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer ( pH 9. 0). Samples were incubated with primary Antibody (1:500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



**Western Blotting**

**Image 2.** All lanes : Anti-HYAL4 Antibody (Center) at 1:2000 dilution Lane 1: Mouse skeletal muscle lysate Lane 2: Rat 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 : 54 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



**Western Blotting**

**Image 3.** Anti-HYAL4 Antibody (Center) at 1:1000 dilution + K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 54 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.