Datasheet for ABIN739905

anti-PAX7 antibody (AA 410-460)

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Overview

Quantity:	100 µL
Target:	PAX7
Binding Specificity:	AA 410-460
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAX7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PAX7
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Sheep
Predicted Reactivity:	Rat,Dog,Cow
Purification:	Purified by Protein A.

Target Details

Target:	PAX7

Target Details

Alternative Name:	Pax7 (PAX7 Products)
Background:	Synonyms: HUP1, RMS2, PAX7B, Paired box protein Pax-7, PAX7 Background: Transcription factor playing a role in myogenesis through regulation of muscle precursor cells proliferation.
Gene ID:	5081
UniProt:	P23759

Application Details

Application Notes:	WB 1:100-1000 FCM 1:20-100 IHC-P 1:100-500 IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
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:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

Product cited in:	Li, Qiu, Liu, Wang, Hu, Gan, Wang: "Long-term thermal manipulation in the late incubation period can inhibit breast muscle development by activating endoplasmic reticulum stress in duck (Anasplatyrhynchos domestica)." in: **Journal of thermal biology**, Vol. 70, Issue Pt B, pp. 37-45, (2017) (PubMed).

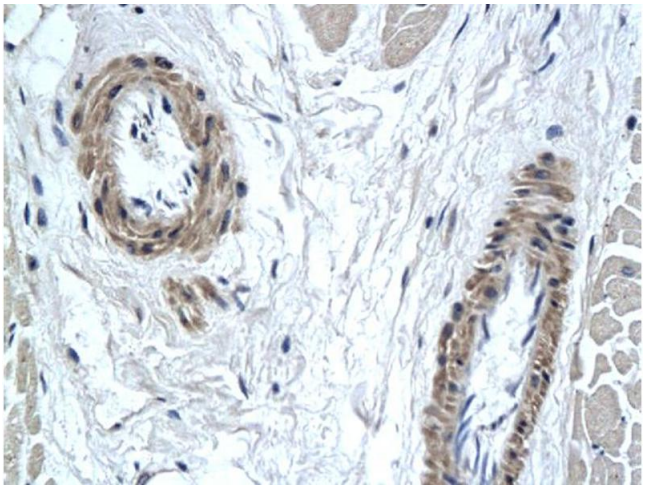
Publications

Sente, Van Berendoncks, Jonckheere, Rodenburg, Lauwers, Van Hoof, Wouters, Lardon, Hoymans, Vrints: "Primary skeletal muscle myoblasts from chronic heart failure patients exhibit loss of anti-inflammatory and proliferative activity." in: **BMC cardiovascular disorders**, Vol. 16, pp. 107, (2016) (PubMed).

Zhao, Kang, Wang, Guan, Li, Jiang, He, Pu, Han, Ma, Zhao: "Expression profiling and functional characterization of miR-192 throughout sheep skeletal muscle development." in: **Scientific reports**, Vol. 6, pp. 30281, (2016) (PubMed).

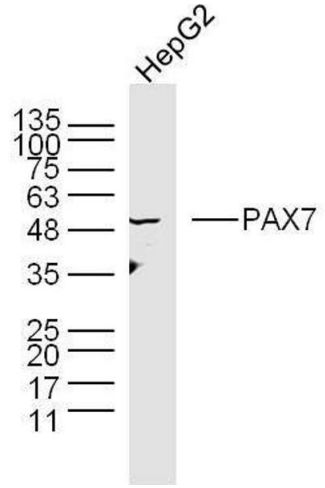
Oh, Lee, Lee, Oh, Lim, Ahn, Hwang, Kang: "Functional and histological evidence for the targeted therapy using biocompatible polycaprolactone beads and autologous myoblasts in a dog model of fecal incontinence." in: **Diseases of the colon and rectum**, Vol. 58, Issue 5, pp. 517-25, (2015) (PubMed).

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human heart tissue labeled with Anti-PAX7 Polyclonal Antibody, Unconjugated (ABIN739905) followed by conjugation to the secondary antibody



Western Blotting

Image 2. Human HepG2 cells probed with Polyclonal Antibody, unconjugated at 1:300 overnight at 4°C followed by a conjugated secondary antibody at 1:10000 for 90 minutes at 37°C.