



Rabbit Anti-PAX7 monoclonal antibody, clone TE194-15 (CABT-L797)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	PAX7
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TE194-15
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, FC
Molecular Weight	57 kDa
Cellular Localization	Nucleus.
Positive Control	Hela.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

Storage

Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction

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 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).

Keywords

FLJ37460;HUP1;OTTHUMP00000002534;Paired box 7;Paired box gene 7;Paired box homeotic gene 7;Paired box protein Pax-7;Paired domain gene 7;Paired domain gene HuP1;Pax7;PAX7 transcriptional factor;PAX7/FKHR fusion gene, included;PAX7_HUMAN;PAX7B;RGD1564360;RMS2 antibody
