



Rat Anti-Mouse PAX7 monoclonal antibody, clone 3G23I5 (CABT-L4623)

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

PRODUCT INFORMATION

Target	Mouse PAX7
Immunogen	KLH-conjugated linear peptide corresponding to mouse PAX7.
Isotype	IgG2b, κ
Source/Host	Rat
Species Reactivity	Mouse, Human
Clone	3G23I5
Purification	Protein G Purified
Conjugate	Unconjugated
Applications	WB, ICC/IF
Format	Purified, Liquid
Concentration	Lot specific
Size	100 µg
Buffer	0.1 M Tris-Glycine (pH 7.4), 150 mM NaCl with 0.05% sodium azide.
Preservative	0.05% sodium azide
Storage	Stable for 1 year at 2-8°C from date of receipt.
Ship	Wet ice

BACKGROUND

Introduction

Pax7 (Paired Box 7) is a transcription factor that plays a role in myogenesis through regulation of muscle precursor cells proliferation. It can bind to DNA as an heterodimer with PAX3. Also interacts with PAXBP1; the interaction links PAX7 to a WDR5-containing histone methyltransferase complex By similarity. Interacts with DAXX too.

Keywords

PAX7; paired box 7; HUP1; RMS2; PAX7B; paired box protein Pax-7; paired domain gene 7; paired box homeotic gene 7; PAX7 transcriptional factor;

GENE INFORMATION

Entrez Gene ID

[18509](#)

UniProt ID

[P47239](#)