



# Rabbit Anti-Human PAX3 monoclonal antibody, clone 27I33M20 (CABT-L1513)

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

## PRODUCT INFORMATION

<b>Specificity</b>	This antibody is predicted to react with mouse based on sequence homology.
<b>Target</b>	PAX3
<b>Immunogen</b>	Recombinant protein corresponding to amino acids 34-276 of human Pax 3
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse
<b>Clone</b>	27I33M20
<b>Purification</b>	Protein A Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, ICC, IF, WB
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/ml
<b>Buffer</b>	PBS
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C

## BACKGROUND

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<b>Introduction</b>	Pax 3 (Paired Box 3) is a transcription factor that is involved in development of the peripheral nervous system, melanocytes, some vascular smooth muscle, and a number of other derivatives. It regulates neurogenesis in pre-migratory neural crest cells from the dorsal neural tube, and in myogenic progenitors in the presomitic mesoderm and the hypaxial somites. Alternative splicing results in isoforms having different C-termini.
<b>Keywords</b>	PAX3;paired box 3;paired box gene 3 (Waardenburg syndrome 1) , Waardenburg syndrome 1 , WS1;paired box protein Pax-3;HUP2;paired domain gene 3;paired domain gene HuP2;paired box homeotic gene 3;WS1;WS3;CDHS;MGC120381;MGC120382;MGC120383;MGC120384;MGC134778

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## GENE INFORMATION

Entrez Gene ID [5077](#)

UniProt ID [P23760](#)