



# Mouse Anti-Human SIX5 Monoclonal Antibody, clone 7F21 (CABT-L394M)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	E. coli expressed human protein, SIX5.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	7F21
<b>Purification</b>	Unpurified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC Recommended concentration: WB: 1:50 IHC: 1:4
<b>Molecular Weight</b>	100 kDa
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	1 ml
<b>Buffer</b>	Supplied as liquid culture supernatant in DMEM/10% horse serum.
<b>Preservative</b>	Azide

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**Storage** For immediate use, short term storage at 4 °C up to two weeks is recommended. For long term storage, divide the solution into volumes of no less than 20 ul for freezing at -20 °C or -80 °C. Freeze-thaw cycles should be avoided.

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**Ship** Wet ice

## BACKGROUND

**Introduction** The protein encoded by this gene is a homeodomain-containing transcription factor that appears to function in the regulation of organogenesis. This gene is located downstream of the dystrophia myotonica-protein kinase gene. Mutations in this gene are a cause of branchiootorenal syndrome type 2.

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**Keywords** SIX5;SIX homeobox 5;DMAHP, sine oculis homeobox (Drosophila) homolog 5 , sine oculis homeobox homolog 5 (Drosophila);homeobox protein SIX5;BOR2;DM locus associated homeodomain protein

## GENE INFORMATION

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**Gene Name** SIX5

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**Entrez Gene ID** [147912](#)

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**UniProt ID** [Q8N196](#)