



# Mouse anti-Human LETM1 monoclonal antibody, clone 7G8 (CABT-B10558)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	LETM1 (NP_036450, 601 a.a. ~ 708 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	7G8
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC, IF, IP, sELISA, ELISA
<b>Sequence Similarities</b>	ESKASKRLTKRVQQMIGQIDGLISQLEMDQQAGKLAPANGMPTGENVISVAELINAMKQV KHIPESKLTSLAAALDENKDGKVNIDDLVKVIELVDKEDVHISTSQVA
<b>Format</b>	Liquid
<b>Buffer</b>	In 1x PBS, pH 7.2
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## BACKGROUND

<b>Introduction</b>	This gene encodes a protein that is localized to the inner mitochondrial membrane. The protein functions to maintain the mitochondrial tubular shapes and is required for normal mitochondrial morphology and cellular viability. Mutations in this gene cause Wolf-Hirschhorn syndrome, a
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complex malformation syndrome caused by the deletion of parts of the distal short arm of chromosome 4. Related pseudogenes have been identified on chromosomes 8, 15 and 19. [provided by RefSeq, Oct 2009]

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<b>Keywords</b>	LETM1; leucine zipper-EF-hand containing transmembrane protein 1; LETM1 and EF-hand domain-containing protein 1, mitochondrial; Mdm38 homolog;
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## GENE INFORMATION

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<b>Entrez Gene ID</b>	<a href="#">3954</a>
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<b>UniProt ID</b>	<a href="#">O95202</a>
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<b>Function</b>	calcium ion binding; protein binding;
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