



Mouse anti-Human ATPAF2 monoclonal antibody, clone 4D0 (CABT-B9823)

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

PRODUCT INFORMATION

Immunogen	ATPAF2 (NP_663729, 180 a.a. ~ 290 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	4D0
Conjugate	Unconjugated
Applications	ELISA
Sequence Similarities	MGPSIPAKTREVLVSHLASYNWALQGIEFVAAQLKSMVLTGLIDLRLTVEQAVLLSRL EEEEYQIQKWGNIEWAHDYELQELRARTAAGTLFIHLCSESTTVKHKLLKE*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes an assembly factor for the F(1) component of the mitochondrial ATP synthase. This protein binds specifically to the F1 alpha subunit and is thought to prevent this
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subunit from forming nonproductive homooligomers during enzyme assembly. This gene is located within the Smith-Magenis syndrome region on chromosome 17. An alternatively spliced transcript variant has been described, but its biological validity has not been determined. [provided by RefSeq, Jul 2008]

Keywords	ATPAF2; ATP synthase mitochondrial F1 complex assembly factor 2; ATP12; ATP12p; LP3663; MC5DN1; ATP12 homolog;
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GENE INFORMATION

Entrez Gene ID	91647
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UniProt ID	Q8N5M1
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Function	protein binding
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