



## 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

<b>Immunogen</b>	ATPAF2 (NP_663729, 180 a.a. ~ 290 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>	4D0
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA
<b>Sequence Similarities</b>	MGPSIPAKTREVLVSHLASYNTWALQGIEFVAAQLKSMVLTLGLIDLRLTVEQAVLLSRL EEEYQIQKWGNIEWAHDYELQELRARTAAAGTLFIHLCSESTTVKHKLLKE*
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<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 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]

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**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](#)

**UniProt ID** [Q8N5M1](#)

**Function** protein binding

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