



Anti-FLAD1 polyclonal antibody (CABT-B8955)

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

PRODUCT INFORMATION

Immunogen	hFADS2 whole protein Q8NFF5-2 (aa 1-490)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rat
Conjugate	Unconjugated
Applications	WB, IF
Format	Liquid
Buffer	antiserum plus glycerol
Preservative	None
Storage	Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes the enzyme that catalyzes adenylation of flavin mononucleotide (FMN) to form flavin adenine dinucleotide (FAD) coenzyme. Alternatively spliced transcript variants encoding distinct isoforms have been observed.
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GENE INFORMATION

Entrez Gene ID	80308
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UniProt ID

[Q8NFF5](#)

References

1. Torchetti, E. M., Brizio, C., Colella, M., Galluccio, M., Giancaspero, T. A., Indiveri, C., Roberti, M., and Barile, M. (2010) Mitochondrial localization of human FAD synthetase isoform 1. *Mitochondrion* 10, 263–273
 2. T.A. Giancaspero, G. Busco, C. Panebianco, C. Carmone, A. Miccolis, G.M. Liuzzi, M. Colella, M. Barile, FAD synthesis and degradation in the nucleus create a local flavin cofactor pool, *J. Biol. Chem.* 288 (2013) 29069–29080.
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