

FTHFSDC1 / MTHFD1L Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS15860**Specification**

FTHFSDC1 / MTHFD1L Antibody (Internal) - Product Information

Application	WB
Primary Accession	Q6UB35
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Hamster, Monkey, Pig, Horse, Xenopus, Bovine, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	106kDa KDa

FTHFSDC1 / MTHFD1L Antibody (Internal) - Additional Information**Gene ID** 25902**Other Names**

Monofunctional C1-tetrahydrofolate synthase, mitochondrial, 6.3.4.3, Formyltetrahydrofolate synthetase, MTHFD1L, FTHFSDC1

Target/Specificity

Human MTHFD1L.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

FTHFSDC1 / MTHFD1L Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

FTHFSDC1 / MTHFD1L Antibody (Internal) - Protein Information**Name** MTHFD1L ([HGNC:21055](#))**Synonyms** FTHFSDC1**Function**

May provide the missing metabolic reaction required to link the mitochondria and the cytoplasm in the mammalian model of one-carbon folate metabolism complementing thus the enzymatic activities of MTHFD2.

Cellular Location

Mitochondrion.

Tissue Location

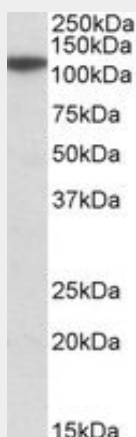
Detected in most tissues, highest expression found in placenta, thymus and brain. Low expression is found in liver and skeletal muscle. Up-regulated in colon adenocarcinoma

FTHFSDC1 / MTHFD1L Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FTHFSDC1 / MTHFD1L Antibody (Internal) - Images



MTHFD1L antibody (0.1 ug/ml) staining of Human Cerebellum lysate (35 ug protein/ml in RIPA buffer).

FTHFSDC1 / MTHFD1L Antibody (Internal) - Background

May provide the missing metabolic reaction required to link the mitochondria and the cytoplasm in the mammalian model of one-carbon folate metabolism in embryonic and transformed cells complementing thus the enzymatic activities of MTHFD2.

FTHFSDC1 / MTHFD1L Antibody (Internal) - References

Prasannan P., et al. J. Biol. Chem. 278:43178-43187(2003).
Sugiura T., et al. Biochem. Biophys. Res. Commun. 315:204-211(2004).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Mungall A.J., et al. Nature 425:805-811(2003).
Walkup A.S., et al. Arch. Biochem. Biophys. 442:196-205(2005).