

Anti-MTHFD1L Antibody

Catalog #	Source	Reactivity	Applications
CQA1703	Rabbit	H, M, R	WB, IH
Description	Rabbit polyclonal antibody to MTHFD1L		
Immunogen	Recombinant full length protein of human MTHFD1L		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of MTHFD1L protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000), IH (1/50 - 1/200)		
Gene Symbol	MTHFD1L		
Alternative Names	FTHFSDC1; Monofunctional C1-tetrahydrofolate synthase mitochondrial; Formyltetrahydrofolate synthetase		
Entrez Gene	25902 (Human); 270685 (Mouse)		
SwissProt	Q6UB35 (Human); Q3V3R1 (Mouse)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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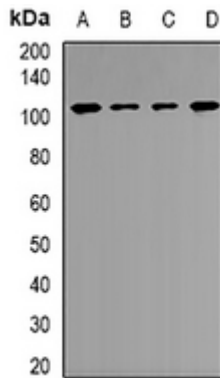
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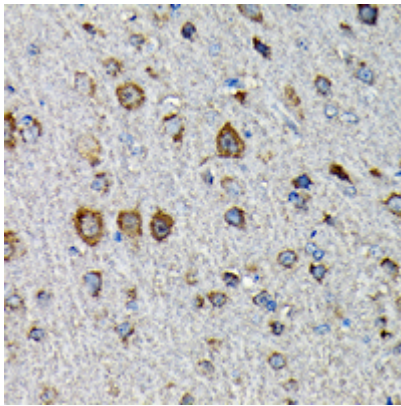
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Product Data Sheet



Western blot analysis of MTHFD1L expression in HepG2 (A), A549 (B), mouse brain (C), rat heart (D) whole cell lysates. (Predicted band size: 29; 105 kD; Observed band size: 106 kD)



Immunohistochemical analysis of MTHFD1L staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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