

Product Datasheet

MTHFD1 Antibody NBP1-06054

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-06054**MTHFD1 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

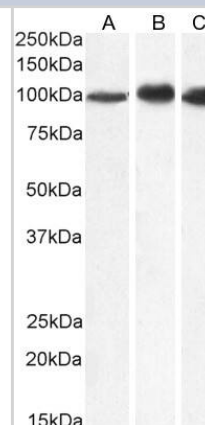
Product Description	
Host	Goat
Gene ID	4522
Gene Symbol	MTHFD1
Species	Human
Marker	Cytoplasm Marker
Immunogen	Peptide with sequence RGDLNDCFIPCTPK corresponding to internal region according to NP_005947.2.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 - 3 ug/ml, ELISA Detection limit 1:1000, Immunohistochemistry 3.75 ug/ml, Immunocytochemistry/ Immunofluorescence 10 ug/ml
Application Notes	Approx. 100kDa band observed in lysates of cell lines Jurkat and MOLT4 and approx.110kDa in lysates of cell line MCF7 (calculated MW of 102kDa according to NP_005947.2).

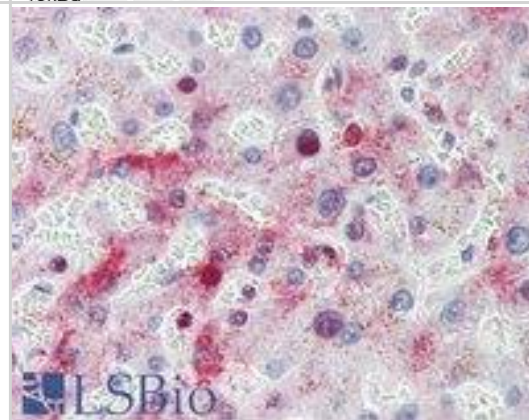


Images

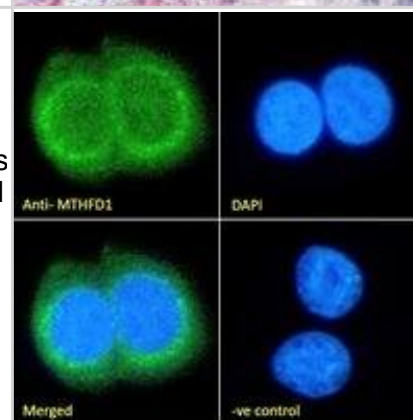
Western Blot: Goat Polyclonal MTHFD1 Antibody [NBP1-06054] - (1µg/ml) staining of Jurkat (A), MCF7 (B) and (2ug/ml) MOLT4 (C) cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



Immunohistochemistry: Goat Polyclonal MTHFD1 Antibody [NBP1-06054] - (3.75µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunocytochemistry/Immunofluorescence: Goat Polyclonal MTHFD1 Antibody [NBP1-06054] - Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Publications

Dorszewska J, Florczak J, Rozycka A et al. Oxidative DNA damage and level of thiols as related to polymorphisms of MTHFR, MTR, MTHFD1 in Alzheimer's and Parkinson's diseases. Acta Neurobiol Exp (Wars) 2007-01-01 [PMID: 17691219]



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Products Related to NBP1-06054

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
H00004522-P01-10ug	Recombinant Human MTHFD1 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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