

## anti- SHMT1 antibody

### Product Information

Catalog No.:	FNab07850
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

This gene encodes the cytosolic form of serine hydroxymethyltransferase, a pyridoxal phosphate-containing enzyme that catalyzes the reversible conversion of serine and tetrahydrofolate to glycine and 5, 10-methylene tetrahydrofolate. This reaction provides one-carbon units for synthesis of methionine, thymidylate, and purines in the cytoplasm. This gene is located within the Smith-Magenis syndrome region on chromosome 17. A pseudogene of this gene is located on the short arm of chromosome 1. Alternative splicing results in multiple transcript variants.

### Immunogen information

Immunogen:	serine hydroxymethyltransferase 1 (soluble)
Synonyms:	None
Observed MW:	43 kDa
UniprotID :	P34896

### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC

### Wuhan Fine Biotech Co., Ltd.

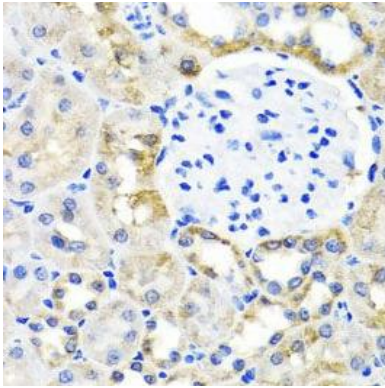
B9 Bld, High-Tech Medical Devices Park, No. 818 GaoxinAve. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

Tel : (0086)027-87384275

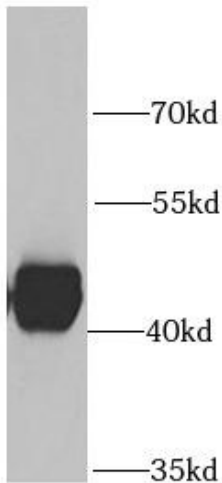
Fax: (0086)027-87800889 [www.fn-test.com](http://www.fn-test.com)

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded rat kidney using FNab07850( SHMT1 Antibody) at dilution of 1:100



HeLa cells were subjected to SDS PAGE followed by western blot with FNab07850(SHMT1 antibody) at dilution of 1:1000

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