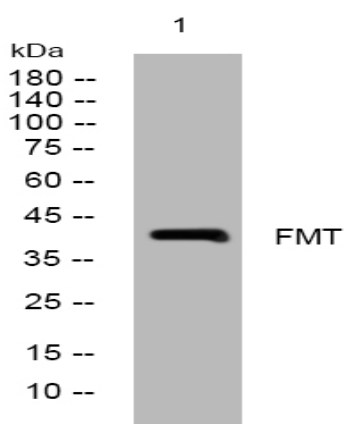


FMT rabbit pAb

Catalog No :	YT7375
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	FMT
Fields :	>>One carbon pool by folate;>>Aminoacyl-tRNA biosynthesis;>>Metabolic pathways
Gene Name :	MTFMT FMT FMT1
Protein Name :	FMT
Human Gene Id :	123263
Human Swiss Prot No :	Q96DP5
Mouse Gene Id :	69606
Mouse Swiss Prot No :	Q9D799
Rat Gene Id :	315763
Rat Swiss Prot No :	Q5I0C5
Immunogen :	Synthesized peptide derived from human FMT AA range: 115-165
Specificity :	This antibody detects endogenous levels of FMT at Human/Mouse/Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000

Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	43kD
Background :	The protein encoded by this nuclear gene localizes to the mitochondrion, where it catalyzes the formylation of methionyl-tRNA. [provided by RefSeq, Jun 2011],
Function :	catalytic activity:10-formyltetrahydrofolate + L-methionyl-tRNA(fMet) + H(2)O = tetrahydrofolate + N-formylmethionyl-tRNA(fMet).,domain:Composed of an N- and a C-terminal domain. The N-terminal domain carries the tetrahydrofolate (THF)-binding site and the C-terminal domain is presumably involved in positioning the Met-tRNA substrate for the formylation reaction.,function:Formylates methionyl-tRNA in mitochondria. A single tRNA(Met) gene gives rise to both an initiator and an elongator species via an unknown mechanism.,similarity:Belongs to the fmt family.,
Subcellular Location :	Mitochondrion .

Products Images



Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4° over night