

## FMT rabbit pAb

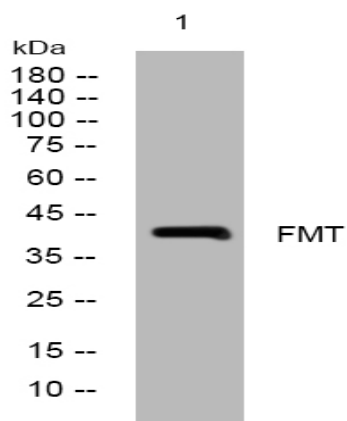
<b>Catalog No :</b>	YT7375
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB
<b>Target :</b>	FMT
<b>Fields :</b>	>>One carbon pool by folate;>>Aminoacyl-tRNA biosynthesis;>>Metabolic pathways
<b>Gene Name :</b>	MTFMT FMT FMT1
<b>Protein Name :</b>	FMT
<b>Human Gene Id :</b>	123263
<b>Human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

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<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	43kD
<b>Background :</b>	The protein encoded by this nuclear gene localizes to the mitochondrion, where it catalyzes the formylation of methionyl-tRNA. [provided by RefSeq, Jun 2011],
<b>Function :</b>	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.,
<b>Subcellular Location :</b>	Mitochondrion .
<b>Sort :</b>	6202
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

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## Products Images



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