

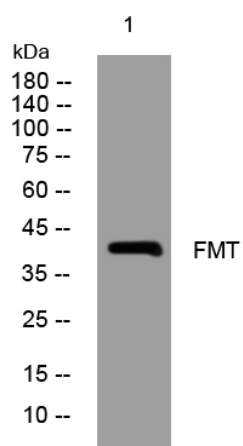


FMT rabbit pAb

Catalog No	YP-Ab-12009
Isotype	IgG
Reactivity	Human; Mouse; Rat
Applications	WB
Gene Name	MTFMT FMT FMT1
Protein Name	FMT
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
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1: 500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Mitochondrion .
Tissue Specificity	
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.,
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],
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

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