

# FPGS Rabbit mAb

Catalog # AP75454

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q05932</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Calculated MW</b>	64609

## Additional Information

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<b>Gene ID</b>	2356
<b>Other Names</b>	FPGS
<b>Dilution</b>	WB~~1/500-1/1000
<b>Format</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

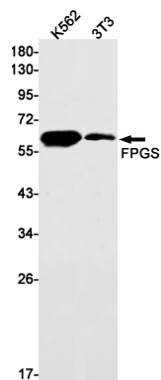
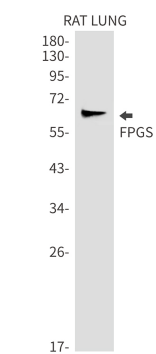
## Protein Information

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<b>Name</b>	FPGS
<b>Function</b>	Catalyzes conversion of folates to polyglutamate derivatives allowing concentration of folate compounds in the cell and the intracellular retention of these cofactors, which are important substrates for most of the folate-dependent enzymes that are involved in one-carbon transfer reactions involved in purine, pyrimidine and amino acid synthesis. Unsubstituted reduced folates are the preferred substrates. Metabolizes methotrexate (MTX) to polyglutamates.
<b>Cellular Location</b>	[Isoform 1]: Mitochondrion inner membrane. Mitochondrion matrix

## Images

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