
Summary

Production Name	FPGS Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	FPGS
Alternative Names	FPGS; Tetrahydrofolate synthase
Gene ID	2356
SwissProt ID	Q05932

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW: 65 kDa; Observed MW: 65 kDa

Background

Product Name: FPGS Rabbit Monoclonal Antibody
Catalog #: AMRe02001

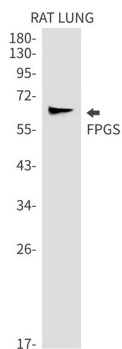


Catalyzes conversion of folates to polyglutamate derivatives allowing concentration of folate compounds in the cell and the intracellular retention of these cofactors, which are important substrates for most of the folate-dependent enzymes that are involved in one-carbon transfer reactions involved in purine, pyrimidine and amino acid synthesis. Unsubstituted reduced folates are the preferred substrates. Metabolizes methotrexate (MTX) to polyglutamates.

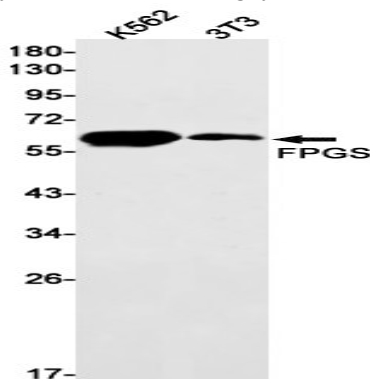
Research Area

Signal Transduction

Image Data



Western blot analysis of FPGS in rat lung lysates using FPGS antibody.



Western blot analysis of FPGS in K562, 3T3 lysates using FPGS antibody.

Note

For research use only.