

CAB21803

Product Information

Product SKU:	CAB21803	Gene ID:	6472	Size:	20uL, 100uL
Clone No:	-	Host Species:	Not found	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	56kDa	Conjugate:	Unconjugated
Calculated MW:	56kDa	Isotype:	IgG

Immunogen Information

Background:	This gene encodes the mitochondrial form of a pyridoxal phosphate-dependent enzyme that catalyzes the reversible reaction of serine and tetrahydrofolate to glycine and 5,10-methylene tetrahydrofolate. The encoded product is primarily responsible for glycine synthesis. The activity of the encoded protein has been suggested to be the primary source of intracellular glycine. The gene which encodes the cytosolic form of this enzyme is located on chromosome 17. Alternative splicing results in multiple transcript variants.
Recommended Dilution:	WB,1:500 - 1:1000 IHC-P,1:50 - 1:100 IF/ICC,1:50 - 1:200 IP,0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
Synonyms:	GLYA; SHMT; mSHMT; NEDCASB; HEL-S-51e; SHMT2
Purification Method:	Affinity purification
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 265-504 of human SHMT2 (NP_005403.2).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.