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anti-SHMT2 antibody (N-Term)



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Quantity:	100 μL
Target:	SHMT2
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SHMT2 antibody is un-conjugated
Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistr (Frozen Sections) (IHC (fro))	

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the N-terminus region of human	
	SHMT2. The exact sequence is proprietary.	
Isotype:	IgG	
Cross-Reactivity:	Human	
Purification:	Purified by antigen-affinity chromatography.	

Target Details

Target:	SHMT2
Alternative Name: serine hydroxymethyltransferase 2 (SHMT2 Products)	

Target Details

mitochondrial form of a pyridoxal phosphate-dependent enzyme that catalyzes the refreaction of serine and tetrahydrofolate to glycine and 5,10-methylene tetrahydrofolate encoded product is primarily responsible for glycine synthesis. The activity of the encorotes the cytosolic form of this enzyme is located on chromosome 17. Alternative results in multiple transcript variants. [provided by RefSeq] Molecular Weight: 56 kDa Gene ID: 6472 UniProt: P34897 Application Details Application Notes: WB: 1:5000-1:20000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications. Comment: Positive Control: 293T , HeLa , A431 , HepG2 Validation: Orthogonal Restrictions: For Research Use only Handling Format: Liquid Concentration: 1 mg/mL Buffer: 1XPBS (pH 7), 20 % Glycerol, 0.01 % Thimerosal Preservative: Thimerosal (Merthiolate) Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SU which should be handled by trained staff only. Storage: 4 °C,-20 °C Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term			
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