Datasheet for ABIN6744856

anti-SHMT1 antibody (AA 35-84)

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Overview

Quantity:	100 µL
Target:	SHMT1
Binding Specificity:	AA 35-84
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Zebrafish (Danio rerio), Sheep, Rabbit, Cow, Horse, Monkey, Chicken, Pig, Bat, Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SHMT1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa35-84 of human SHMT1 (Q5RFK5, NP_004160). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Sheep, Elephant, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Guinea pig, Turkey, Zebra finch, Chicken, Platypus, Xenopus, Stickleback, Zebrafish (100%), Hamster, Panda, Seabass, Salmon, Sea squirt, Drosophila, Nematode, Arabidopsis (92%). Type of Immunogen: Synthetic peptide
Specificity:	Human SHMT1
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Dog, Chicken, Xenopus, Zebrafish (100%).

Product Details

Purification:	Immunoaffinity purified

Target Details

Target:	SHMT1
Alternative Name:	SHMT / SHMT1 (SHMT1 Products)
Background:	Name/Gene ID: SHMT1 Synonyms: SHMT1, 14 kDa protein, CSHMT, Serine methylase, SHMT
Gene ID:	6470
NCBI Accession:	NP_004160
UniProt:	P34896

Application Details

Application Notes:	Approved: WB (0.2 - 1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

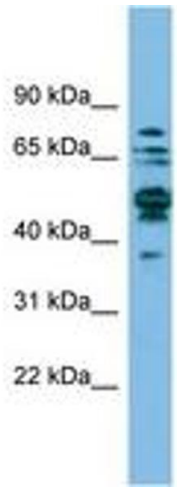

Image 1.