

## Product datasheet for **TA384116S**

### DNMT3A Rabbit Monoclonal Antibody [Clone ID: R03-8H4]

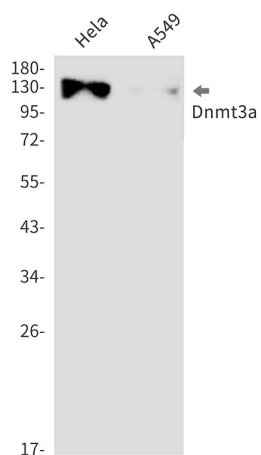
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	R03-8H4
Applications:	WB
Recommended Dilution:	WB: 1/1000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic peptide of human Dnmt3a
Formulation:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Calculated MW:102 kDa,Observed MW:130 kDa
Gene Name:	DNA (cytosine-5-)-methyltransferase 3 alpha
Database Link:	<a href="#">Entrez Gene 1788 Human</a> <a href="#">Q9Y6K1</a>
Background:	CpG methylation is an epigenetic modification that is important for embryonic development, imprinting, and X-chromosome inactivation. Studies in mice have demonstrated that DNA methylation is required for mammalian development. This gene encodes a DNA methyltransferase that is thought to function in de novo methylation, rather than maintenance methylation. The protein localizes to the cytoplasm and nucleus and its expression is developmentally regulated. [provided by RefSeq, Mar 2016]
Synonyms:	DNMT3A2; M.HsaIIIA



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## Product images:



Western blot analysis of Dnmt3a in HeLa, A549 lysates using Dnmt3a antibody.