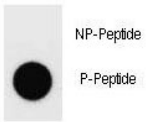
Phospho-Dnmt1 Antibody (pS1105) (F48686)

Catalog No.	Formulation	Size
F48686-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F48686-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P26358
Applications	Dot blot: 1:500
Limitations	This phospho-Dnmt1 antibody is available for research use only.



Dot blot analysis of phospho-Dnmt1 antibody. 50ng of phos-peptide or nonphos-peptide per dot were spotted.

Description

DNA (cytosine-5-)-methyltransferase 1 has a role in the establishment and regulation of tissue-specific patterns of methylated cytosine residues. Aberrant methylation patterns are associated with certain human tumors and developmental abnormalities. Two transcript variants encoding different isoforms have been found for this gene. [Wiki]

This antibody can be compared with our DNMT1 Antibody for consistent detection of DNMT1 across DNA methylation

and epigenetic regulation studies.

Application Notes

Titration of the phospho-Dnmt1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This phospho-Dnmt1 antibody was produced from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding pS1105 of human Dnmt1.

Storage

Aliquot the phospho-Dnmt1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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