

Phospho-Dnmt1-pS714 Rabbit Polyclonal Antibody

CABP0021



Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

Refer to Figures

Calculated MW:

144kDa/183kDa/184kDa

Applications:

WB IF

Reactivity:

Human

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

This gene encodes an enzyme that transfers methyl groups to cytosine nucleotides of genomic DNA. This protein is the major enzyme responsible for maintaining methylation patterns following DNA replication and shows a preference for hemi-methylated DNA. Methylation of DNA is an important component of mammalian epigenetic gene regulation. Aberrant methylation patterns are found in human tumors and associated with developmental abnormalities. Variation in this gene has been associated with cerebellar ataxia, deafness, and narcolepsy, and neuropathy, hereditary sensory, type IE. Alternative splicing results in multiple transcript variants.

Immunogen information

Gene ID:

1786

Uniprot

P26358

Synonyms:

ADCADN; AIM; CXXC9; DNMT; HSN1E; MCMT; m.HsaI; DNMT1

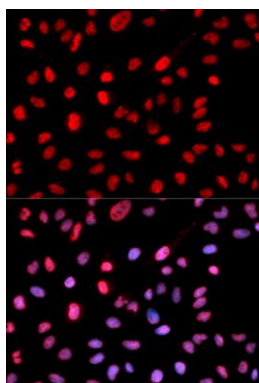
Immunogen:

A synthetic phosphorylated peptide around S714 of human Dnmt1 (NP_001370.1).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Immunofluorescence analysis of MCF-7 cells using Phospho-Dnmt1-pS714 antibody (CABP0021). Blue: DAPI for nuclear staining.