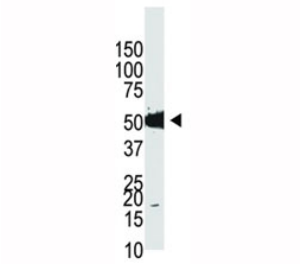
Dnmt2 Antibody (F40791)

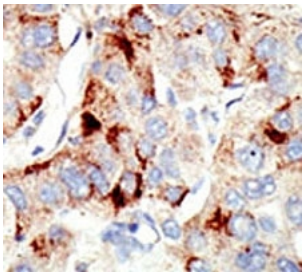
Catalog No.	Formulation	Size
F40791-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40791-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	O55055
Applications	Western blot: 1:1000 IHC (Paraffin): 1:50-1:100
Limitations	This Dnmt2 antibody is available for research use only.



Western blot analysis of Dnmt2 antibody and HL-60 cell lysate



IHC analysis of FFPE human hepatocarcinoma stained with the Dnmt2 antibody

Description

Dnmt2 does not appear to be active as a DNA methyltransferase; however, its strong binding to DNA suggests that it may mark specific sequences in the genome by binding to DNA through the specific target-recognizing motif. Dnmt2 is strongly expressed in thymus, testis, and at much lower levels in spleen, lung, brain, heart, kidney, liver, skeletal muscle and embryonic stem cells. This protein belongs to the 5-cystosine methyltransferase family.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Dnmt2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 201-230 from the mouse protein was used as the immunogen for this Dnmt2 antibody.

Storage

Store at 4oC for up to one month. For long term, aliquot the Dnmt2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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