

TRDMT1 / DNMT2 Antibody (clone 102B1259.2)
Mouse Monoclonal Antibody
Catalog # ALS12128**Specification**

TRDMT1 / DNMT2 Antibody (clone 102B1259.2) - Product Information

Application	WB, IHC
Primary Accession	O14717
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Calculated MW	45kDa KDa

TRDMT1 / DNMT2 Antibody (clone 102B1259.2) - Additional Information**Gene ID** 1787**Other Names**

tRNA (cytosine(38)-C(5))-methyltransferase, 2.1.1.204, DNA (cytosine-5)-methyltransferase-like protein 2, Dnmt2, DNA methyltransferase homolog HsaIIp, DNA MTase homolog HsaIIp, M.HsaIIp, PuMet, TRDMT1, DNMT2

Target/Specificity

Synthetic peptides corresponding to mouse Dnmt2.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

TRDMT1 / DNMT2 Antibody (clone 102B1259.2) is for research use only and not for use in diagnostic or therapeutic procedures.

TRDMT1 / DNMT2 Antibody (clone 102B1259.2) - Protein Information**Name** TRDMT1**Synonyms** DNMT2 {ECO:0000303|PubMed:16424344}**Function**

Specifically methylates cytosine 38 in the anticodon loop of tRNA(Asp) (PubMed:16424344). Has higher activity on tRNA(Asp) modified with queuosine at position 34 (PubMed:30093495).

Cellular Location

Cytoplasm.

Tissue Location

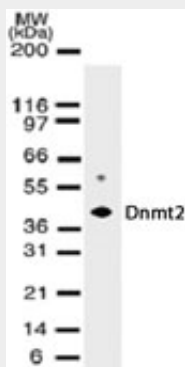
Ubiquitous. Higher expression in testis, ovary and thymus and at much lower levels in spleen, prostate, colon, small intestine, and peripheral blood leukocytes

TRDMT1 / DNMT2 Antibody (clone 102B1259.2) - Protocols

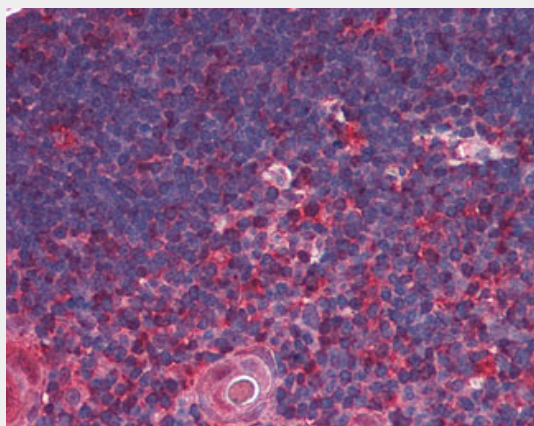
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TRDMT1 / DNMT2 Antibody (clone 102B1259.2) - Images



Western blot analysis for Dnmt2 using antibody at 2 µg/ml dilution against 15 µg of transfected...



Anti-TRDMT1 / DNMT2 antibody IHC of human thymus.

TRDMT1 / DNMT2 Antibody (clone 102B1259.2) - Background

Specifically methylates cytosine 38 in the anticodon loop of tRNA(Asp).

TRDMT1 / DNMT2 Antibody (clone 102B1259.2) - References

Yoder J.A., et al. Hum. Mol. Genet. 7:279-284(1998).

Van den Wyngaert I.,et al.FEBS Lett. 426:283-289(1998).

Okano M.,et al.Nucleic Acids Res. 26:2536-2540(1998).

Deloukas P.,et al.Nature 429:375-381(2004).

Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.