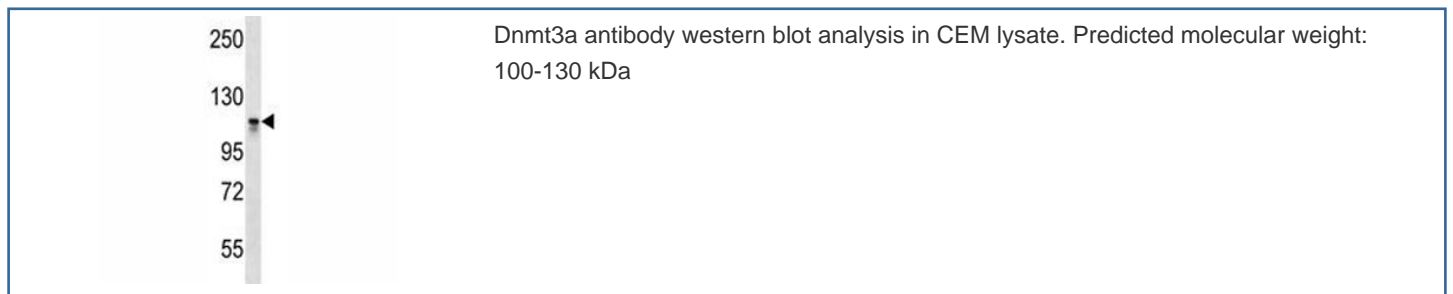


Dnmt3a Antibody (F44638)

| Catalog No. | Formulation | Size |
|---------------|--|---------|
| F44638-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F44638-0.08ML | 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, Chicken |
| Format | Antigen affinity purified |
| Host | Rabbit |
| Clonality | Polyclonal (rabbit origin) |
| Isotype | Rabbit Ig |
| Purity | Antigen affinity |
| UniProt | Q9Y6K1 |
| Applications | Western Blot : 1:1000 |
| Limitations | This Dnmt3a antibody is available for research use only. |



Description

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. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq].

This antibody can be compared with our [DNMT3A Antibody](#) (clone PCR-P-DNMT3A-1E2) for consistent detection of DNMT3A across epigenetic regulation and DNA methylation studies.

Application Notes

Titration of the Dnmt3a antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 872-900 from the human protein was used as the immunogen for this Dnmt3a antibody.

Storage

Aliquot the Dnmt3a antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.