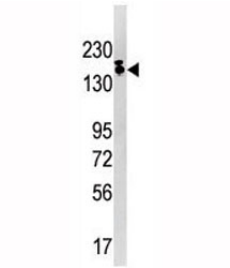
# SETDB1 Antibody (F40900)

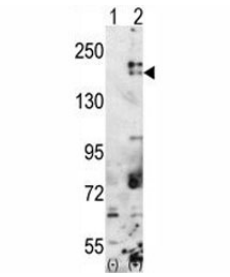
| Catalog No. | Formulation | Size |
|---|---|---|
| F40900-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F40900-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Predicted Reactivity** | Mouse, Xenopus, Zebrafish |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Purified |
| **UniProt** | Q15047 |
| **Applications** | Western Blot : 1:1000 |
| **Limitations** | This SETDB1 antibody is available for research use only. |




Western blot analysis of SETDB1 antibody and Ramos lysate. Predicted molecular weight ~143 kDa (unmodified) and 170-180 kDa (modified).




Western blot analysis of SETDB1 antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected with the SETDB1 gene (2). Predicted molecular weight ~143 kDa (unmodified) and 170-180 kDa (modified).

## Description

The SET domain is a highly conserved, approximately 150-amino acid motif implicated in the modulation of chromatin structure. It was originally identified as part of a larger conserved region present in the Drosophila Trithorax protein and was subsequently identified in the Drosophila Su(var)3-9 and 'Enhancer of zeste' proteins, from which the acronym SET is derived. Studies have suggested that the SET domain may be a signature of proteins that modulate transcriptionally active or repressed chromatin states through chromatin remodeling activities.

For additional information on SETDB1 function and histone methylation, visit our SETDB1 Antibody / Histone Methyltransferase Antibody page, which summarizes its roles in chromatin remodeling, transcriptional repression and epigenetic regulation.

## Application Notes

Titration of the SETDB1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 1193-1225 from the human protein was used as the immunogen for this SETDB1 antibody.

## Storage

Aliquot the SETDB1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.


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