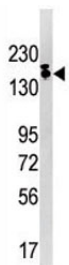


## SETDB1 Antibody (F40900)

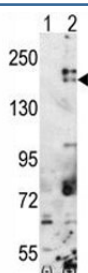
Catalog No.	Formulation	Size
F40900-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40900-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Predicted Reactivity</b>	Mouse, Zebrafish, Xenopus
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Purified
<b>UniProt</b>	Q15047
<b>Applications</b>	Western Blot : 1:1000
<b>Limitations</b>	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.

## 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 -20°C or colder. Avoid repeated freeze-thaw cycles.