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## Datasheet for ABIN7116032 **anti-MSL1 antibody**

### Overview

Quantity:	100 µg
Target:	MSL1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MSL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Immunogen:	male-specific lethal 1 homolog(Drosophila)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	MSL1
Alternative Name:	MSL1 ( <a href="#">MSL1 Products</a> )
Background:	Synonyms:MSL1L1 Background:Component of histone acetyltransferase complex responsible for the majority of histone H4 acetylation at 'Lys-16'(H4K16ac) which is implicated in the formation of higher-order chromatin structure. Greatly enhances MSL2 E3 ubiquitin ligase activity, promoting monoubiquitination of histone H2B at 'Lys-34'(H2BK34Ub). This

## Target Details

modification in turn stimulates histone H3 methylation at 'Lys-4'(H3K4me) and 'Lys-79'(H3K79me) and leads to gene activation, including that of HOXA9 and MEIS1. In the MSL complex, acts as a scaffold to tether MSL3 and KAT8 together for enzymatic activity regulation.

Molecular Weight: 67 kDa

Gene ID: 339287

UniProt: [Q68DK7](#)

## Application Details

Application Notes: WB: 1:500-1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months