



PRODUCT DATA SHEET

Bioworld Technology, Inc.

MSL-1 polyclonal antibody

Catalog: BS31268

Host: Rabbit

Reactivity: Human, Rat

BackGround:

Male-specific lethal 1 homolog: Non-catalytic component of the MSL histone acetyltransferase complex, a multi-protein complex that mediates the majority of histone H4 acetylation at 'Lys-16' (H4K16ac), an epigenetic mark that prevents chromatin compaction. The MSL complex is required for chromosome stability and genome integrity by maintaining homeostatic levels of H4K16ac. The MSL complex is also involved in gene dosage by promoting up-regulation of genes expressed by the X chromosome (By similarity). X up-regulation is required to compensate for autosomal biallelic expression (By similarity). The MSL complex also participates in gene dosage compensation by promoting expression of Tsix non-coding RNA (By similarity). Within the MSL complex, acts as a scaffold to tether MSL3 and KAT8 together for enzymatic activity regulation. Greatly enhances MSL2 E3 ubiquitin ligase activity, promoting monoubiquitination of hist...

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~67.1 kDa

Swiss-Prot:

Q68DK7

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/2000)

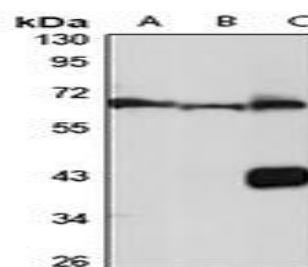
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of MSL-1 protein

DATA:



Western blot analysis of DUSP14 expression in HeLa (A), mouse testis (B), rat testis (C) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151