SunLong Biotech Co.,LTD
Tel: 0086-571- 56623320 Fax:0086-571- 56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-MSL3L1 antibody

SL17858R

Product Name:	MSL3L1
Chinese Name:	MSL3L1蛋白抗体
Alias:	MSL3; AU018931; DKFZp586J1822; Drosophila MSL3 like 1; Male specific lethal 3 (Drosophila) like 1; Male specific lethal 3 homolog (Drosophila); Male specific lethal 3 homolog 1 (Drosophila); Male specific lethal 3 homolog 1; Male specific lethal 3 homolog; Male specific lethal 3 like 1 (Drosophila); Male specific lethal 3 like 1; Male specific lethal 3 protein like 1; Male-specific lethal 3 homolog; Male-specific lethal-3 homolog 1; Male-specific lethal-3 protein-like 1; MS3L1_HUMAN; MSL3; MSL3 like 1; MSL3-like 1; Msl31; MSL3L1; OTTHUMP00000022911; OTTHUMP00000022912.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Dog,Pig,Cow,Horse,Sheep,Guinea Pig,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	60kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MSL3L1:1-100/521
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene encodes a nuclear protein that is similar to the product of the Drosophila

male-specific lethal-3 gene. The Drosophila protein plays a critical role in a dosage-compensation pathway, which equalizes X-linked gene expression in males and females. Thus, the human protein is thought to play a similar function in chromatin remodeling and transcriptional regulation, and it has been found as part of a complex that is responsible for histone H4 lysine-16 acetylation. This gene can undergo X inactivation. Alternative splicing results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 2, 7 and 8. [provided by RefSeq, Jul 2010]

Function:
May be involved in chromatin remodeling and transcriptional regulation. May have a role in X inactivation. Component of the MSL complex which is responsible for the majority of histone H4 acetylation at 'Lys-16' which is implicated in the formation of higher-order chromatin structure. Specifically recognizes histone H4 monomethylated at 'Lys-20' (H4K20Me1) in a DNA-dependent manner and is proposed to be involved in chromosomal targeting of the MSL complex.

Subunit:
Component the MSL histone acetyltransferase complex at least composed of the MOF/KAT8, MSL1/hampin, MSL2 and MSL3. Interacts (via the MRG domain) with MSL1.

Subcellular Location:
Nucleus

Tissue Specificity:
Expressed in many tissues including liver, pancreas, heart, lung, kidney, skeletal muscle, brain, and placenta, with highest expression in skeletal muscle and heart.

Similarity:
Contains 1 chromo domain.
Contains 1 MRG domain.

SWISS:
Q8N5Y2

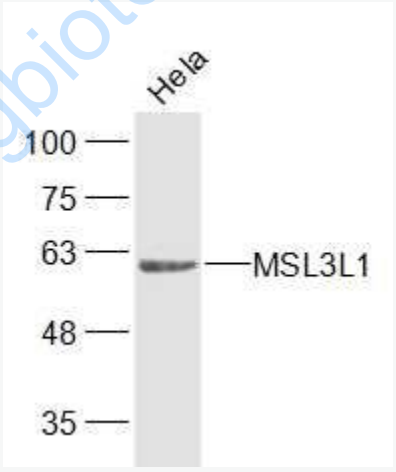
Gene ID:
10943

Database links:

Entrez Gene: 515220 Cow

Entrez Gene: 10943 Human

Entrez Gene: 17692 Mouse

	Entrez Gene: 317464 Rat Omim: 300609 Human SwissProt: Q8N5Y2 Human SwissProt: Q9WVG9 Mouse Unigene: 655288 Human Unigene: 400572 Mouse Unigene: 490444 Mouse **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Picture:	 Sample: Hela(Human) Cell Lysate at 30 ug Primary: Anti-MSL3L1? (SL17858R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 60 kD Observed band size: 60 kD