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Datasheet for ABIN7151073

anti-MSL2 antibody (AA 341-473) (Biotin)

Overview

Quantity:	100 µg
Target:	MSL2
Binding Specificity:	AA 341-473
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MSL2 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human E3 ubiquitin-protein ligase MSL2 protein (341-473AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MSL2
Alternative Name:	MSL2 (MSL2 Products)
Background:	Background: Component of histone acetyltransferase complex responsible for the majority of histone H4 acetylation at lysine 16 which is implicated in the formation of higher-order

Target Details

chromatin structure. Acts as an E3 ubiquitin ligase that promotes monoubiquitination of histone H2B at 'Lys-35' (H2BK34Ub), but not that of H2A. This activity is greatly enhanced by heterodimerization with MSL1. H2B ubiquitination 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.

Aliases: Male specific lethal 2 homolog (Drosophila) antibody, Male specific lethal 2 homolog 1 antibody, Male specific lethal 2 homolog antibody, Male specific lethal 2 like 1 antibody, Male-specific lethal 2 homolog antibody, Male-specific lethal 2-like 1 antibody, Male-specific lethal-2 homolog 1 antibody, MSL-2 antibody, MSL2 antibody, MSL2-like 1 antibody, MSL2_HUMAN antibody, MSL2L1 antibody, Ring finger protein 184 antibody

UniProt: [Q9HCL7](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.