

Datasheet for ABIN7599488
anti-MSL2 antibody (AA 1-577)



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Overview

Quantity:	100 µg
Target:	MSL2
Binding Specificity:	AA 1-577
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MSL2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-MSL2 Antibody Picoband®
Immunogen:	E.coli-derived human MSL2 recombinant protein (Position: M1-C577).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-MSL2 Antibody Picoband® (ABIN7599488). Tested in ELISA, Flow Cytometry, IF, ICC, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	MSL2
Alternative Name:	MSL2 (MSL2 Products)
Background:	Synonyms: Short transient receptor potential channel 5, TrpC5, Transient receptor protein 5, TRP-5, hTRP-5, hTRP5, TRPC5, TRP5 Tissue Specificity: Expressed in brain with higher levels in fetal brain. Found in cerebellum and occipital pole. Background: MSL2 (MSL Complex Subunit 2) is a protein coding gene located on human chromosome 3q22.3. MSL2 is also known as MSL-2, MSL2L1 and RNF184. The human MSL2 gene encodes a 62541 Da protein containing 577 amino acids. The MSL2 protein is ubiquitously expressed in bone marrow, lymph node and other tissues. Among its related pathways are Chromatin organization and Chromatin Regulation / Acetylation. MSL2 is related to ligase activity. MSL2 is associated with some diseases, such as Atrial Septal Defect 3.
Molecular Weight:	63 kDa
Gene ID:	55167

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Hartz, P. A. Personal Communication. Baltimore, Md. 8/31/2012. 2. Nagase, T., Kikuno, R., Nakayama, M., Hirose, M., Ohara, O. Prediction of the coding sequences of unidentified human genes. XVIII. The complete sequences of 100 new cDNA clones from brain which code for large proteins in vitro. DNA Res. 7: 273-281, 2000. 3. Smith, E. R., Cayrou, C., Huang, R., Lane, W. S., Cote, J., Lucchesi, J. C. A human protein complex homologous to the Drosophila MSL complex is responsible for the majority of histone H4 acetylation at lysine 16. Molec. Cell. Biol. 25: 9175-9188, 2005. Note: Erratum: Molec. Cell. Biol. 26: 387 only, 2006.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Handling

Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.