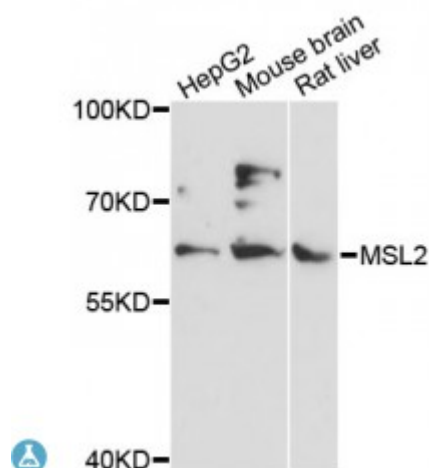


Anti-MSL2 Antibody



Model	STJ115069
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 328-577 of human MSL2 (NP_060603.2).
Gene ID	55167
Gene Symbol	MSL2
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	E3 ubiquitin-protein ligase MSL2
Molecular Weight	62.541 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:25544 OMIM:614802 Reactome:R-HSA-3214847
Alternative Names	E3 ubiquitin-protein ligase MSL2

Function

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 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,

St John's Laboratory Ltd**F** +44 (0)207 681 2580**T** +44 (0)208 223 3081**W** <http://www.stjohnslabs.com/>**E** info@stjohnslabs.com