

Datasheet for ABIN2790657
anti-MYSM1 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	MYSM1
Binding Specificity:	C-Term
Reactivity:	Human, Dog, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYSM1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human MYSM1
Sequence:	CLQKLLECMR KTL SKVTNCF MAEEFLTEIE NLFLSNYKSN QENGVT EENC
Predicted Reactivity:	Dog: 86%, Human: 100%, Rabbit: 77%
Characteristics:	This is a rabbit polyclonal antibody against MYSM1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	MYSM1
Alternative Name:	MYSM1 (MYSM1 Products)

Target Details

Background:	MYSM1 is a metalloprotease that specifically deubiquitinates monoubiquitinated histone H2A, a specific tag for epigenetic transcriptional repression, thereby acting as a coactivator. It preferentially deubiquitinates monoubiquitinated H2A in hyperacetylated nucleosomes. Deubiquitination of histone H2A leads to facilitate the phosphorylation and dissociation of histone H1 from the nucleosome. MYSM1 acts as a coactivator by participating in the initiation and elongation steps of androgen receptor (AR)-induced gene activation. Alias Symbols: 2A-DUB, 2ADUB, DKFZp779J1554, DKFZp779J1721, KIAA1915, RP4-592A1.1 Protein Interaction Partner: UBC, DICER1, SUMO2, TUBB1, WDR77, STK38, PRMT5, KAT2B, HIST2H2AC, RBM10, KIF11, HSPA1A, HNRNPH1, EEF1A1, Protein Size: 828
Molecular Weight:	91 kDa
Gene ID:	114803
NCBI Accession:	NM_001085487 , NP_001078956
UniProt:	Q5VVJ2
Pathways:	Chromatin Binding

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 828 AA
Restrictions:	For Research Use only

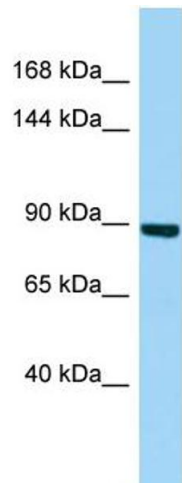
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. Host: Rabbit Target Name: MYSM1 Sample Type: Fetal Liver lysates Antibody Dilution: 1.0ug/ml