

Datasheet for ABIN2787627
anti-MIS12 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	MIS12
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MIS12 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human MIS12
Sequence:	TLTFFDELHN VGRDHGTSDF RESLVSLVQN SRKLQNIRDN VEKESKRLKI
Predicted Reactivity:	Cow: 86%, Horse: 86%, Human: 100%, Mouse: 91%, Rabbit: 86%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against MIS12. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	MIS12
Alternative Name:	MIS12 (MIS12 Products)

Target Details

Background:	<p>MIS12 is part of the MIS12 complex which is required for normal chromosome alignment and segregation and for kinetochore formation during mitosis.</p> <p>Alias Symbols: 2510025F08Rik, KNTC2AP, MGC2488, MTW1, hMis12</p> <p>Protein Interaction Partner: PMF1, ZWINT, SUGT1, CBX5, CASC5, NSL1, NDC80, NF1, BUB1, DSN1, BUB1B, HSP90AA1, SKA1, UBC, SPC24, NUF2, MIS12, SPC25, TF, PIGR, SERPINA1, HP, FGB, FGA, CENPC, APOA1, CBX3,</p> <p>Protein Size: 205</p>
Molecular Weight:	23 kDa
Gene ID:	79003
NCBI Accession:	NM_024039 , NP_076944
UniProt:	Q9H081
Pathways:	M Phase

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 205 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.
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.



Western Blotting

Image 1. WB Suggested Anti-MIS12 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: Jurkat cell lysate

Western Blotting

Image 2. WB Suggested Anti-MIS12

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1::12500

Positive Control: Jurkat cell lysate

MIS12 is supported by BioGPS gene expression data to be expressed in Jurkat