## .-online.com antibodies

Datasheet for ABIN7257587 anti-MSH4 antibody

2 Images



### Overview

Quantity:	200 µL
Target:	MSH4
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MSH4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant fusion protein of human MSH4 (NP_002431.2).
lsotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	MSH4
Alternative Name:	MSH4 (MSH4 Products)
Background:	This gene encodes a member of the DNA mismatch repair mutS family. This member is a meiosis-specific protein that is not involved in DNA mismatch correction, but is required for
	reciprocal recombination and proper segregation of homologous chromosomes at meiosis I. This protein and MSH5 form a heterodimer which binds uniquely to a Holliday Junction and its

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN7257587 | 09/09/2023 | Copyright antibodies-online. All rights reserved.

## Target Details

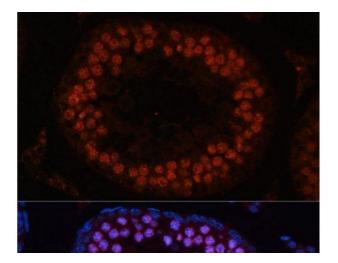
	developmental progenitor, thus provoking ADP-ATP exchange, and stabilizing the interaction between parental chromosomes during meiosis double-stranded break repair.
Molecular Weight:	Observed_MW: 105 kDa Calculated_MW: 104 kDa
Gene ID:	4438
UniProt:	015457

## Application Details

Application Notes:	WB 1:500-1:2000 IF 1:50-1:200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



# 170kDa — 130kDa — 100kDa — 70kDa — 55kDa —

#### Immunofluorescence

**Image 1.** Immunofluorescence analysis of Rat testis using MSH4 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

### Western Blotting

**Image 2.** Western blot analysis of extracts of SKOV3 cells using MSH4 Polyclonal Antibody at dilution of 1:1000.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN7257587 | 09/09/2023 | Copyright antibodies-online. All rights reserved.