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Datasheet for ABIN7155902

**anti-HORMAD2 antibody (AA 14-307) (Biotin)**

## Overview

Quantity:	100 µg
Target:	HORMAD2
Binding Specificity:	AA 14-307
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HORMAD2 antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human HORMA domain-containing protein 2 protein (14-307AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	HORMAD2
Alternative Name:	HORMAD2 ( <a href="#">HORMAD2 Products</a> )
Background:	Background: Essential for synapsis surveillance during meiotic prophase via the recruitment of ATR activity. Plays a key role in the male mid-pachytene checkpoint and the female meiotic

## Target Details

prophase checkpoint: required for efficient build-up of ATR activity on unsynapsed chromosome regions, a process believed to form the basis of meiotic silencing of unsynapsed chromatin (MSUC) and meiotic prophase quality control in both sexes. Required for the DNA double-strand break-independent, BRCA1-dependent activation of ATR on the sex chromosomes that is essential for normal sex body formation.

Aliases: 4930529M09Rik antibody, CT46.2 antibody, HORM2\_HUMAN antibody, HORMA domain containing 2 antibody, HORMA domain-containing protein 2 antibody, Hormad2 antibody, MGC26710 antibody, RP23-329P17.4 antibody

UniProt: [Q8N7B1](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.