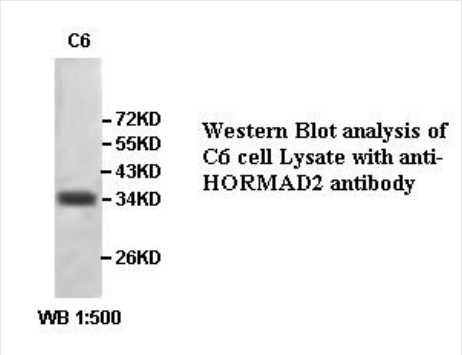
HORMAD2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HORMAD2, Polyclonal Antibody
Full Product Name	HORMAD2 Antibody
Product Gene Name	anti-HORMAD2 antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human Predicted: Mouse, Rat
Form/Format	Purified by protein affinity column containing 0.02% NaN3
Preparation and Storage	Already reconstituted in 200ul sterile H2O. The antibody is stable for at least one year when stored at-20 degree C after reconstitution. Avoid repeated freeze/defrost cycles.
Molecular Weight	35,284 Da
3D Structure	ModBase 3D Structure for Q8N7B1
Product Categories/Family for anti-HORMAD2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-HORMAD2 antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-HORMAD2 antibody	ELISA: 1:20,000-1:80,000 WB: 1:500-1:1,000 IHC: 1:100-1:500
Related Product Information for anti-HORMAD2 antibody	Rabbit polyclonal HORMAD2(1) antibody was raised against a recombinate human HORMAD2 protein 1-307aa (BC030013).
Product References and Citations for anti-HORMAD2 antibody	(1) Amre, D.K., Mack, D.R., Morgan, K., et al. Association between genome-wide association studies reported SNPs and pediatric-onset Crohn's disease in Canadian children. Hum. Genet. 128 (2), 131-135 (2010).
Other Notes	Small volumes of anti-HORMAD2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for HORMAD2 purchase	MBS854577 is an antibody targeting HORMAD2. Also known as HORMAD2 Antibody. Reactive in Human Predicted: Mouse, Rat. Host: Rabbit.



Testing Data of anti-HORMAD2 antibody



Testing Data of anti-HORMAD2 antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HORMAD2. It may not necessarily be applicable to this product.

NCBI GI #	22749067
NCBI GeneID	150280
NCBI Accession #	NP_689723.1
UniProt Primary Accession #	Q8N7B1
UniProt Secondary Accession #	Q8NHR2; B5MEB2
UniProt Related Accession #	Q8N7B1
GenBank Nucleotide #	NM_152510.3
NCBI Official Full Name	HORMA domain-containing protein 2 isoform a
NCBI Official Synonym Full Names	HORMA domain containing 2
NCBI Official Symbol	HORMAD2
NCBI Official Synonym Symbols	CT46.2
UniProt Protein Name	HORMA domain-containing protein 2
Protein Family	HORMA domain-containing protein
UniProt Gene Name	HORMAD2
NCBI Protein Information	HORMA domain-containing protein 2
UniProt Comments for HORMAD2	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 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 ().
Research Articles on HORMAD2	**1.** The variant rs2412971, intronic in HORMAD2 at chromosome 22q12.2, was robustly associated with tonsillectomy.
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