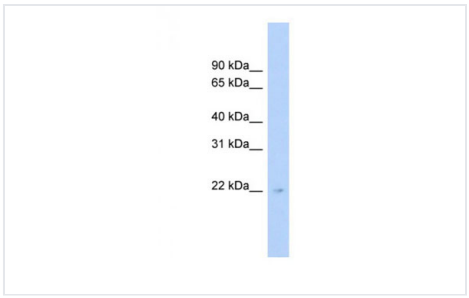
C16ORF73 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	C16orf73, Polyclonal Antibody
Full Product Name	C16orf73 antibody
Product Gene Name	anti-C16orf73 antibody
Product Synonym Names	Polyclonal C16orf73; Anti-C16orf73; gs129; MGC35212; Chromosome ORF 16; Chromosome ORF-16; Chromosome 16 Open Reading Frame 73; Chromosome 16 ORF
Clonality	Polyclonal
Host	Rabbit
Form/Format	Lyophilized powder. Add 50ul distilled water for a 1mg/ml concentration of C16orf73 antibody in PBS
Purity/Purification	Affinity purified
Concentration	1 mg/ml (lot specific)
Specificity	C16orf73 antibody was raised against the middle region of C16orf73
Preparation and Storage	Store at 2-8 degree C for short periods. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Molecular Weight	22 kDa (MW of target protein)
Cross-Reactivity	Human
Immunogen	C16orf73 antibody was raised using the middle region of C16orf73 corresponding to a region with amino acids CSLTGSVAEETLGCTFVLSHRARSGLKISVLSCKLADPTEASRNLSGQKH
Product Categories/Family for anti-C16orf73 antibody	DNA & RNA; Purified Polyclonal Antibodies
Applications Tested/Suitable for anti-C16orf73 antibody	Western Blot (WB)
Application Notes for anti-C16orf73 antibody	WB: 1 ug/ml
Related Product Information for anti-C16orf73 antibody	Rabbit polyclonal C16orf73 antibody raised against the middle region of C16orf73
Other Notes	Small volumes of anti-C16orf73 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 C16orf73 purchase	MBS5303362 is an antibody targeting C16orf73. Also known as C16orf73 antibody. Host: Rabbit.



Western Blot (WB) of anti-C16orf73 antibody
C16orf73 antibody (MBS5303362) used at 1 ug/ml to detect target protein.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for C16orf73. It may not necessarily be applicable to this product.

NCBI GI #	20987500
NCBI GeneID	254528
NCBI Accession #	AAH29829.1
UniProt Secondary Accession #	Q96RY0; B1AK39; C9J0S1
UniProt Related Accession #	Q8N635
NCBI Official Full Name	Chromosome 16 open reading frame 73
NCBI Official Synonym Full Names	meiosis specific with OB domains
NCBI Official Symbol	MEIOB
NCBI Official Synonym Symbols	gs129; C16orf73
UniProt Protein Name	Meiosis-specific with OB domain-containing protein
UniProt Gene Name	MEIOB
UniProt Synonym Gene Names	C16orf73
UniProt Entry Name	MEIOB_HUMAN
NCBI Protein Information	meiosis-specific with OB domain-containing protein
UniProt Comments for C16orf73	MEIOB: May be involved in early meiosis. Chromosomal Location of Human Ortholog: 16p13.3 Cellular Component: cytoplasm; chromosome; nucleus Molecular Function: single-stranded DNA specific 3'-5' exodeoxyribonuclease activity; chromatin binding; single-stranded DNA binding Biological Process: fertilization; male meiosis I; synapsis; resolution of meiotic joint molecules as recombinants; male meiosis; DNA catabolic process, exonucleolytic; double-strand break repair via homologous recombination; female meiosis I
Research Articles on C16orf73	**1.** we propose that RPA and this new single-strand DNA binding protein MEIOB, are essential to ensure the proper stabilization of recombinases which is required for successful homology search and meiotic recombination.
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