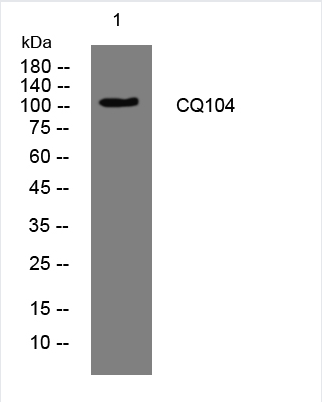
CQ104 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CQ104, Polyclonal Antibody
Full Product Name	CQ104 Rabbit Polyclonal Antibody
Product Gene Name	anti-CQ104 antibody
Product Synonym Gene Name	C17orf104
Product Synonym Names	Uncharacterized protein C17orf104; BH6842; CQ104
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.220% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration	1mg/ml (lot specific)
Specificity	The antibody detects endogenous levels of CQ104 at Human/Mouse
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	93,345 Da
OMIM	616934
3D Structure	ModBase 3D Structure for A2RUB1
Immunogen	Synthesized peptide derived from human CQ104
Modification	Unmodified/Total
Applications Tested/Suitable for anti-CQ104 antibody	Western Blot (WB)
Application Notes for anti-CQ104 antibody	WB: 1:500-2000
Related Product Information for anti-CQ104 antibody	MBS9514047 is an antibody targeting CQ104. Also known as CQ104 Rabbit Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-CQ104 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.



Western Blot (WB) of anti-CQ104 antibody
Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4 degree over night

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CQ104. It may not necessarily be applicable to this product.

NCBI GI #	274315853
NCBI GeneID	284071
NCBI Accession #	NP_001138552.2
UniProt Primary Accession #	A2RUB1
UniProt Secondary Accession #	Q4G0Y1; Q8IVZ7; Q8NA45; B4DXJ2; B5MD93; B9EGQ6; C4AM97
GenBank Nucleotide #	NM_001145080.2
NCBI Official Full Name	meiosis-specific coiled-coil domain-containing protein MEIOC
UniProt Protein Name	Meiosis-specific coiled-coil domain-containing protein MEIOC
UniProt Synonym Protein Names	Meiosis-specific with coiled-coil domain protein
UniProt Gene Name	MEIOC
UniProt Comments for CQ104	Is required for meiosis completion in both male and female germ cells. Confers stability to numerous meiotic mRNAs in gonads allowing proper initiation and progression into meiosis prophase I. The function may involve YTHDC2 and is independent of induction by retinoic acid (RA). Maintains an extended meiotic prophase I by properly promoting the transition from a mitotic to a meiotic cell cycle program by binding transcripts through its interaction with YTHDC2 that regulate the mitotic cell cycle.
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