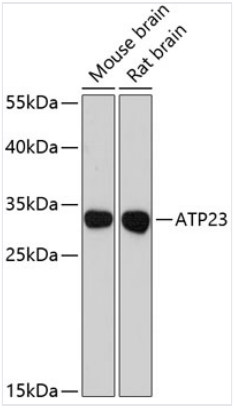
ATP23 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ATP23, Polyclonal Antibody
Full Product Name	ATP23 Polyclonal Antibody
Product Gene Name	anti-ATP23 antibody
Product Synonym Names	ATP23; KUB3; XRCC6BP1; mitochondrial inner membrane protease ATP23 homolog
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse, Rat
Form/Format	PBS with 50% glycerol, pH7.4
Purity/Purification	Affinity purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	28,081 Da
3D Structure	ModBase 3D Structure for Q9Y6H3
Immunogen	Recombinant fusion protein of human ATP23 (NP_150592.1).
Conjugation	Unconjugated
Product Categories/Family for anti-ATP23 antibody	Total protein Ab
Applications Tested/Suitable for anti-ATP23 antibody	Western Blot (WB)
Application Notes for anti-ATP23 antibody	WB: 1:1000-1:3000
Related Product Information for anti-ATP23 antibody	The protein encoded by this gene is amplified in glioblastomas and interacts with the DNA binding subunit of DNA-dependent protein kinase. This kinase is involved in double-strand break repair (DSB), and higher expression of the encoded protein increases the efficiency of DSB. In addition, comparison to orthologous proteins strongly suggests that this protein is a metalloprotease important in the biosynthesis of mitochondrial ATPase. Several transcript variants encoding different isoforms have been found for this gene.
Other Notes	Small volumes of anti-ATP23 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 ATP23 purchase	MBS9431711 is an antibody targeting ATP23. Also known as ATP23 Polyclonal Antibody. Reactive in Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-ATP23 antibody
Western blot analysis of extracts of various cell lines, using ATP23 antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ATP23. It may not necessarily be applicable to this product.

NCBI GI #	32698767
NCBI GeneID	91419
NCBI Accession #	NP_150592.1
UniProt Primary Accession #	Q9Y6H3
UniProt Secondary Accession #	Q1RLM4; Q96E81
UniProt Related Accession #	Q9Y6H3
GenBank Nucleotide #	NM_033276.2
NCBI Official Full Name	mitochondrial inner membrane protease ATP23 homolog
NCBI Official Synonym Full Names	XRCC6 binding protein 1
NCBI Official Symbol	XRCC6BP1
NCBI Official Synonym Symbols	KUB3
UniProt Protein Name	Mitochondrial inner membrane protease ATP23 homolog
UniProt Synonym Protein Names	Ku70-binding protein 3; XRCC6-binding protein 1
Protein Family	Mitochondrial inner membrane protease
UniProt Gene Name	XRCC6BP1
UniProt Synonym Gene Names	KUB3
UniProt Entry Name	ATP23_HUMAN
NCBI Protein Information	mitochondrial inner membrane protease ATP23 homolog; Ku70 binding protein 3; Ku70-binding protein 3; XRCC6-binding protein 1
UniProt Comments for ATP23	Subunit structure: Interacts with XRCC6. Ref.1 Sequence similarities: Belongs to the peptidase M76 family. Sequence caution: The sequence AAD31085.1 differs from that shown. Reason: Erroneous initiation.

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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