SPP2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Spp2, Polyclonal Antibody
Full Product Name	Rabbit anti-Mus musculus (Mouse) Spp2 Polyclonal Antibody
Product Gene Name	anti-Spp2 antibody
Product Synonym Names	Spp2 Antibody; Secreted phosphoprotein 24; Spp-24; Secreted phosphoprotein 2), Spp2, Spp24
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mus musculus (Mouse)
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Purity/Purification	Antigen-affinity
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	23,136 Da
3D Structure	ModBase 3D Structure for Q8K1I3
Immunogen	Recombinant Mus musculus Spp2 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-Spp2 antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-Spp2 antibody	MBS9003050 is an antibody targeting Spp2. Also known as Rabbit anti-Mus musculus (Mouse) Spp2 Polyclonal Antibody. Reactive in Mus musculus (Mouse). Host: Rabbit.
Other Notes	Small volumes of anti-Spp2 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Spp2. It may not necessarily be applicable to this product.

NCBI GI #	15082218
NCBI GeneID	75396
NCBI Accession #	NP_083545.1
UniProt Primary Accession #	Q8K1I3
UniProt Secondary Accession #	Q9DCG1

UniProt Related Accession #	Q8K1I3
GenBank Nucleotide #	NM_029269.2
NCBI Official Full Name	secreted phosphoprotein 24
NCBI Official Synonym Full Names	secreted phosphoprotein 2
NCBI Official Symbol	Spp2
NCBI Official Synonym Symbols	pp-24; spp24; 0610038O04Rik
UniProt Protein Name	Secreted phosphoprotein 24
UniProt Synonym Protein Names	Secreted phosphoprotein 2
Protein Family	Pre-mRNA-splicing factor
UniProt Gene Name	Spp2
UniProt Synonym Gene Names	Spp24; Spp-24
UniProt Entry Name	SPP24_MOUSE
NCBI Protein Information	secreted phosphoprotein 24; spp-24; secreted phosphoprotein 2, 24kDa
UniProt Comments for Spp2	SPP2: Could coordinate an aspect of bone turnover. Belongs to the SPP2 family. Protein type: Secreted, signal peptide; Inhibitor; Secreted Cellular Component: protein complex; extracellular region Biological Process: protein complex assembly; bone remodeling
Research Articles on Spp2	**1.** proteolytic processing of spp24 affects the interaction of this protein with BMP-2 and this affects the function of the protein
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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