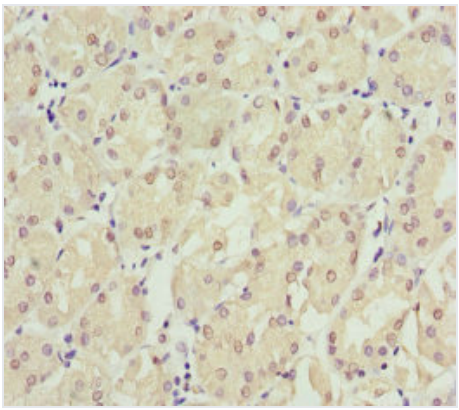
EPPIN Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	EPPIN, Polyclonal Antibody
Full Product Name	EPPIN Antibody
Product Gene Name	anti-EPPIN antibody
Product Synonym Names	Eppin; Cancer/testis antigen 71; CT71; Epididymal protease inhibitor; Protease inhibitor WAP7; Serine protease inhibitor-like with Kunitz and WAP domains 1; WAP four-disulfide core domain protein 7; EPPIN; SPINLW1; WAP7; WFDC7
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	Antigen Affinity Purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	20,486 Da
OMIM	609031
3D Structure	ModBase 3D Structure for O95925
Species	Human
Immunogen	Recombinant human Eppin protein (22-133AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-34604 / sc-34605 / sc-33817
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-EPPIN antibody	ELISA (EIA), Immunohistochemistry (IHC)
Application Notes for anti-EPPIN antibody	Recommended dilution: IHC: 1:20-1:200
Related Product Information for anti-EPPIN antibody	Serine protease inhibitor that plays an essential role in male reproduction and fertility. Modulates the hydrolysis of SEMG1 by KLK3/PSA (a serine protease), provides antimicrobial protection for spermatozoa in the ejaculate coagulum, and binds SEMG1 thereby inhibiting sperm motility.
Other Notes	Small volumes of anti-EPPIN 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 EPPIN purchase	MBS7044868 is an antibody targeting EPPIN. Also known as EPPIN Antibody. Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-EPPIN antibody
Immunohistochemistry of paraffin-embedded human gastric cancer using MBS7044868 at dilution of 1:100

ADDITIONAL DETAILS

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

NCBI GI #	312176446
NCBI GeneID	100526773
NCBI Accession #	NP_001185915.1
UniProt Primary Accession #	O95925
UniProt Secondary Accession #	Q86TP9; Q96SD7; Q9HD30; A6PVD6
GenBank Nucleotide #	NM_001198986.1
NCBI Official Full Name	SPINLW1-WFDC6 fusion protein
NCBI Official Synonym Full Names	EPPIN-WFDC6 readthrough
NCBI Official Symbol	EPPIN-WFDC6
NCBI Official Synonym Symbols	SPINLW1-WFDC6
UniProt Protein Name	Eppin
UniProt Synonym Protein Names	Cancer/testis antigen 71; CT71; Epididymal protease inhibitor; Protease inhibitor WAP7; Serine protease inhibitor-like with Kunitz and WAP domains 1; WAP four-disulfide core domain protein 7
Protein Family	Eppin
UniProt Gene Name	EPPIN
UniProt Synonym Gene Names	SPINLW1; WAP7; WFDC7; CT71
UniProt Entry Name	EPPI_HUMAN
NCBI Protein Information	SPINLW1-WFDC6 fusion protein
NCBI Summary for EPPIN	This locus represents naturally occurring read-through transcription between the neighboring SPINLW1 (serine peptidase inhibitor-like, with Kunitz and WAP domains 1) and WFDC6 (WAP four-disulfide core domain 6) genes. The read-through transcript encodes a fusion protein that shares sequence identity with the products of each individual gene. [provided by RefSeq, Nov 2010]

UniProt Comments for EPPIN	Spinlw1: Serine protease inhibitor that plays an essential role in male reproduction and fertility. Modulates the hydrolysis of SEMG1 by KLK3/PSA (a serine protease), provides antimicrobial protection for spermatozoa in the ejaculate coagulum, and binds SEMG1 thereby inhibiting sperm motility. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Inhibitor; Cancer Testis Antigen (CTA); Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 20q13.12 Cellular Component: cell surface; extracellular space; protein complex Molecular Function: protein binding Biological Process: defense response to bacterium; negative regulation of peptidase activity; protein oligomerization
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