A0A3Q3A7D8 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	A0A3Q3A7D8, Polyclonal Antibody
Full Product Name	A0A3Q3A7D8 Antibody
Product Gene Name	anti-A0A3Q3A7D8 antibody
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Chicken
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1mg/ml (lot specific)
Specificity	This antibody detects endogenous levels of Chicken A0A3Q3A7D8
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	26,934 Da
Chromosome Location	Chromosome: 7; NC_000007.13 (93514709..93520303, complement). Location: 7q22
OMIM	600033
3D Structure	ModBase 3D Structure for P48307
Immunogen	Synthesized peptide derived from Chicken A0A3Q3A7D8
Modification	Unmodified/Total
Product Categories/Family for anti-A0A3Q3A7D8 antibody	Primary Antibodies
Applications Tested/Suitable for anti-A0A3Q3A7D8 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-A0A3Q3A7D8 antibody	WB: 1:1000-2000 ELISA: 1:5000-20000
Related Product Information for anti-A0A3Q3A7D8 antibody	MBS9519554 is an antibody targeting A0A3Q3A7D8. Also known as A0A3Q3A7D8 Antibody. Reactive in Chicken. Host: Rabbit.
Other Notes	Small volumes of anti-A0A3Q3A7D8 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 A0A3Q3A7D8. It may not necessarily be applicable to this product.

NCBI GI #	401871061
NCBI GeneID	7980

NCBI Accession #	NP_001257933.1
UniProt Primary Accession #	P48307
UniProt Secondary Accession #	Q66ME8; Q9UC86
UniProt Related Accession #	P48307
GenBank Nucleotide #	NM_001271004.1
NCBI Official Full Name	tissue factor pathway inhibitor 2 isoform 3
NCBI Official Synonym Full Names	tissue factor pathway inhibitor 2
NCBI Official Symbol	TFPI2
NCBI Official Synonym Symbols	PP5; REF1; TFPI-2
UniProt Protein Name	Tissue factor pathway inhibitor 2
UniProt Synonym Protein Names	Placental protein 5
UniProt Gene Name	TFPI2
UniProt Synonym Gene Names	TFPI-2; PP5
UniProt Entry Name	TFPI2_HUMAN
NCBI Protein Information	tissue factor pathway inhibitor 2; placental protein 5; retinal pigment epithelium cell factor 1
NCBI Summary for A0A3Q3A7D8	This gene encodes a member of the Kunitz-type serine proteinase inhibitor family. The protein can inhibit a variety of serine proteases including factor VIIa/tissue factor, factor Xa, plasmin, trypsin, chymotryspin and plasma kallikrein. This gene has been identified as a tumor suppressor gene in several types of cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]
UniProt Comments for A0A3Q3A7D8	TFPI2: May play a role in the regulation of plasmin-mediated matrix remodeling. Inhibits trypsin, plasmin, factor VIIa/tissue factor and weakly factor Xa. Has no effect on thrombin. Protein type: Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 7q22 Cellular Component: proteinaceous extracellular matrix; nucleus Molecular Function: serine-type endopeptidase inhibitor activity; extracellular matrix structural constituent Biological Process: blood coagulation
Research Articles on A0A3Q3A7D8	**1.** The C-terminus of TFPI-2 encodes for antimicrobial activity, and may be released during wounding.
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