PUM2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PUM2, Polyclonal Antibody
Full Product Name	PUM2 (S182) (Pumilio 2, Pumilio Homolog 2, Pumilio-2, KIAA0235, PUMH2) (MaxLight 550)
Product Gene Name	anti-PUM2 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
Purity/Purification	Purified by Immunoaffinity chromatography.
Specificity	Recognizes human PUM2.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight550 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	107,646 Da
OMIM	607205
3D Structure	ModBase 3D Structure for Q8TB72
Immunogen	Synthetic peptide corresponding to amino acid residues surrounding S182 of human PUM2 (KLH).
Conjugate	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-PUM2 antibody	Antibodies; Stem Cell Research
Applications Tested/Suitable for anti-PUM2 antibody	Western Blot (WB), FLISA, Immunohistochemistry (IHC)
Application Notes for anti-PUM2 antibody	WB: 1:50-1:100 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-PUM2 antibody	MBS6496129 is an antibody targeting PUM2. Also known as PUM2 (S182) (Pumilio 2, Pumilio Homolog 2, Pumilio-2, KIAA0235, PUMH2) (MaxLight 550). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-PUM2 antibody	1. Kusz, K., Mol. Reprod. Dev. 74(6), 795-799 (2007). 2. Spik, A., Reprod Biol 6 SUPPL 1, 37-42 (2006). 3. Moore, F.L., Proc. Natl. Acad. Sci. USA 100(2), 538-543 (2003).
Other Notes	Small volumes of anti-PUM2 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 PUM2. It may not necessarily be applicable to this product.

NCBI GI #	13491168
NCBI GeneID	23369
NCBI Accession #	NP_056132
UniProt Primary Accession #	Q8TB72
UniProt Secondary Accession #	O00234; Q53TV7; Q8WY43; Q9HAN2; B3KSL0; B4E2B6; D6W527
UniProt Related Accession #	Q8TB72
GenBank Nucleotide #	NM_015317
NCBI Official Full Name	pumilio homolog 2 isoform 1
NCBI Official Synonym Full Names	pumilio RNA-binding family member 2
NCBI Official Symbol	PUM2
NCBI Official Synonym Symbols	PUMH2; PUML2
UniProt Protein Name	Pumilio homolog 2
Protein Family	Pumilio
UniProt Gene Name	PUM2
UniProt Synonym Gene Names	KIAA0235; PUMH2; Pumilio-2
UniProt Entry Name	PUM2_HUMAN
NCBI Protein Information	pumilio homolog 2; pumilio-2
UniProt Comments for PUM2	Pumilio-2: Sequence-specific RNA-binding protein that regulates translation and mRNA stability by binding the 3'-UTR of mRNA targets. Its interactions and tissue specificity suggest that it may be required to support proliferation and self-renewal of stem cells by regulating the translation of key transcripts. 3 isoforms of the human protein are produced by alternative splicing. Protein type: RNA-binding; Motility/polarity/chemotaxis; Translation Chromosomal Location of Human Ortholog: 2p24.1 Cellular Component: nuclear membrane; stress granule; perinuclear region of cytoplasm; cytoplasm Molecular Function: protein binding Biological Process: regulation of translation; stress granule assembly
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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