KAZ Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	KAZ, Polyclonal Antibody
Full Product Name	KAZ, CT (KAZN, KAZ, KIAA1026, Kazrin) (MaxLight 490)
Product Gene Name	anti-KAZ antibody
Product Synonym Names	KAZN; KAZ; KIAA1026; Kazrin
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 MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
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: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	46,250 Da
3D Structure	ModBase 3D Structure for Q674X7
Immunogen	KAZ antibody is generated from rabbits immunized with a KLH conjugated synthetic between 710-739 amino acids selected from the C-terminal region of human KAZ.
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-KAZ antibody	Antibodies; KIAA; orf
Applications Tested/Suitable for anti-KAZ antibody	Western Blot (WB), FLISA
Application Notes for anti-KAZ antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-KAZ antibody	Component of the cornified envelope of keratinocytes. May be involved in the interplay between adherens junctions and desmosomes. The function in the nucleus is not known.
Product References and Citations for anti-KAZ antibody	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010): Nachat, R., et al. J. Cell. Sci. 122 (PT 22), 4035-4041 (2009): Wang, Q., et al. Acta Biochim. Biophys. Sin. (Shanghai) 41(9):763-772(2009). Sevilla, L.M., et al. J. Cell. Sci. 121 (PT 21), 3561-3569 (2008): Uhl, G.R., et al. Arch. Gen. Psychiatry 65(6):683-693(2008).
Other Notes	Small volumes of anti-KAZ 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 KAZ purchase	MBS6312143 is an antibody targeting KAZ. Also known as KAZ, CT (KAZN, KAZ, KIAA1026, Kazrin) (MaxLight 490). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

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

NCBI GI #	63999741
NCBI GeneID	23254
NCBI Accession #	NP_001017999.1
UniProt Primary Accession #	Q674X7
UniProt Secondary Accession #	Q5TGF1; Q674X4; Q674X6; Q6ZUD1; Q8IYN7; Q8N409; Q9UIL2; Q9UPX4; B0QYQ0; B1AK78
UniProt Related Accession #	Q674X7
GenBank Nucleotide #	NM_001017999.2
NCBI Official Full Name	kazrin isoform C
NCBI Official Synonym Full Names	kazrin, periplakin interacting protein
NCBI Official Symbol	KAZN
NCBI Official Synonym Symbols	KAZ
UniProt Protein Name	Kazrin
Protein Family	Kazal-type serine protease inhibitor domain-containing protein
UniProt Gene Name	KAZN
UniProt Synonym Gene Names	KAZ; KIAA1026
UniProt Entry Name	KAZRN_HUMAN
NCBI Protein Information	kazrin
NCBI Summary for KAZ	This gene encodes a protein that plays a role in desmosome assembly, cell adhesion, cytoskeletal organization, and epidermal differentiation. This protein co-localizes with desmoplakin and the cytolinker protein periplakin. In general, this protein localizes to the nucleus, desmosomes, cell membrane, and cortical actin-based structures. Some isoforms of this protein also associate with microtubules. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Additional splice variants have been described but their biological validity has not been verified. [provided by RefSeq, Aug 2011]
Research Articles on KAZ	**1.** exons 5-15 of kazrin, encoding the nuclear localization signal and C-terminal domain, are not required for epidermal development and function
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
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.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/kaz/6312143