BNC2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	BNC2, Polyclonal Antibody
Full Product Name	BNC2 (Zinc Finger Protein Basonuclin-2) (MaxLight 490)
Product Gene Name	anti-BNC2 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
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.
Specificity	Recognizes mouse BNC2. Species Crossreactivity: mouse
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	101,333 Da
OMIM	608669
3D Structure	ModBase 3D Structure for Q6ZN30
Immunogen	KLH conjugated synthetic peptide corresponding to aa641-676 at the Central region of human BNC2.
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-BNC2 antibody	Antibodies; Transcription Factors; Zinc (Ring) Finger
Applications Tested/Suitable for anti-BNC2 antibody	Western Blot (WB)
Application Notes for anti-BNC2 antibody	WB: 1:2000 Applications are based on unconjugated antibody.
Related Product Information for anti-BNC2 antibody	MBS6454485 is an antibody targeting BNC2. Also known as BNC2 (Zinc Finger Protein Basonuclin-2) (MaxLight 490). Reactive in Mouse. Host: Rabbit.
Product References and Citations for anti-BNC2 antibody	Ota T., et al. Nat. Genet. 36:40-45(2004). Humphray S.J., et al. Nature 429:369-374(2004). Romano R.-A., et al. Genomics 83:821-833(2004). Vanhoutteghem A., et al. Proc. Natl. Acad. Sci. U.S.A. 101:3468-3473(2004). Olsen J.V., et al. Sci. Signal. 3:RA3-RA3(2010).
Other Notes	Small volumes of anti-BNC2 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 BNC2. It may not necessarily be applicable to this product.

NCBI GI #	94721326
NCBI GeneID	54796
NCBI Accession #	NP_060107.3
UniProt Primary Accession #	Q6ZN30
UniProt Secondary Accession #	Q6T3A3; Q8NAR2; Q9H6J0; Q9NXV0; B1APG9
UniProt Related Accession #	Q6ZN30
GenBank Nucleotide #	NM_017637
NCBI Official Full Name	Homo sapiens basonuclin 2 (BNC2), mRNA
NCBI Official Synonym Full Names	basonuclin 2
NCBI Official Symbol	BNC2
NCBI Official Synonym Symbols	BSN2
UniProt Protein Name	Zinc finger protein basonuclin-2
Protein Family	Cruciferin
UniProt Gene Name	BNC2
UniProt Entry Name	BNC2_HUMAN
NCBI Protein Information	zinc finger protein basonuclin-2; BNC2
Research Articles on BNC2	**1.** follow-up studies are necessary to establish the role of BNC2 in blood-based DNA and epithelial ovarian cancer (EOC), including prospective studies to validate this region as a potential biomarker and predictor of EOC susceptibility
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