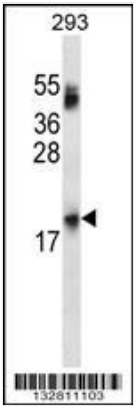
HEBP2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HEBP2, Polyclonal Antibody
Full Product Name	HEBP2, NT (HEBP2, C6orf34, SOUL, Heme-binding protein 2, Placental protein 23, Protein SOUL) (FITC)
Product Gene Name	anti-HEBP2 antibody
Product Synonym Names	HEBP2; C6orf34; SOUL; Heme-binding protein 2; Placental protein 23; Protein SOUL
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 Fluorescein Isothiocyanate (FITC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	22,875 Da
OMIM	605825
3D Structure	ModBase 3D Structure for Q9Y5Z4
Immunogen	HEBP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 17-47 amino acids from the N-terminal region of human HEBP2.
Conjugate	FITC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-HEBP2 antibody	Antibodies; Binding Proteins
Applications Tested/Suitable for anti-HEBP2 antibody	Western Blot (WB), FLISA
Application Notes for anti-HEBP2 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-HEBP2 antibody	HEBP2 can promote mitochondrial permeability transition and facilitate necrotic cell death under different types of stress conditions.
Product References and Citations for anti-HEBP2 antibody	Szigeti, A., et al. J. Biol. Chem. 285(3):2140-2151(2010). Freire, F., et al. Acta Crystallogr. Sect. F Struct. Biol. Cryst. Commun. 65 (PT 7), 723-726 (2009): Szigeti, A., et al. FEBS Lett. 580(27):6447-6454(2006). Mungall, A.J., et al. Nature 425(6960):805-811(2003). Liu, L., et al. Genomics 79(1):124-136(2002).
Other Notes	Small volumes of anti-HEBP2 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 HEBP2 purchase	MBS6306024 is an antibody targeting HEBP2. Also known as HEBP2, NT (HEBP2, C6orf34, SOUL, Heme-binding protein 2, Placental protein 23, Protein SOUL) (FITC). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-HEBP2 antibody
HEBP2 Antibody (N-term) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the HEBP2 antibody detected the HEBP2 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HEBP2. It may not necessarily be applicable to this product.

NCBI GI #	7657603
NCBI GeneID	23593
NCBI Accession #	NP_055135.1
UniProt Primary Accession #	Q9Y5Z4
UniProt Secondary Accession #	Q96P57
UniProt Related Accession #	Q9Y5Z4
GenBank Nucleotide #	NM_014320.2
NCBI Official Full Name	heme-binding protein 2
NCBI Official Synonym Full Names	heme binding protein 2
NCBI Official Symbol	HEBP2
NCBI Official Synonym Symbols	PP23; SOUL; C6orf34; C6ORF34B
UniProt Protein Name	Heme-binding protein 2
UniProt Synonym Protein Names	Placental protein 23; PP23; Protein SOUL
Protein Family	Heme-binding protein
UniProt Gene Name	HEBP2
UniProt Synonym Gene Names	C6orf34; SOUL; PP23
UniProt Entry Name	HEBP2_HUMAN
NCBI Protein Information	heme-binding protein 2; placental protein 23

UniProt Comments for HEBP2	HEBP2: Can promote mitochondrial permeability transition and facilitate necrotic cell death under different types of stress conditions. Does not bind hemin. Belongs to the HEBP family. 2 isoforms of the human protein are produced by alternative splicing. Chromosomal Location of Human Ortholog: 6q24 Cellular Component: mitochondrion; cytoplasm Molecular Function: protein binding
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.
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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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