TFAP2B Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TFAP2B, Polyclonal Antibody
Full Product Name	TFAP2B Conjugated Antibody
Product Gene Name	anti-TFAP2B antibody
Product Synonym Names	AP-2B; AP2-B
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	The antibody detects endogenous levels of total TFAP2B protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	80,927 Da
OMIM	169100
3D Structure	ModBase 3D Structure for Q92481
Immunogen	Synthetic peptide corresponding to residues near the N terminal of human transcription factor AP-2 beta (activating enhancer binding protein 2 beta)
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-TFAP2B antibody	Most Applications
Application Notes for anti-TFAP2B antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-TFAP2B antibody	This gene encodes a member of the AP-2 family of transcription factors. AP-2 proteins form homo- or hetero-dimers with other AP-2 family members and bind specific DNA sequences. They are thought to stimulate cell proliferation and suppress terminal differentiation of specific cell types during embryonic development. Specific AP-2 family members differ in their expression patterns and binding affinity for different promoters. This protein functions as both a transcriptional activator and repressor. Mutations in this gene result in autosomal dominant Char syndrome, suggesting that this gene functions in the differentiation of neural crest cell derivatives.
Other Notes	Small volumes of anti-TFAP2B 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 TFAP2B purchase	MBS9447775 is an antibody targeting TFAP2B. Also known as TFAP2B Conjugated Antibody. Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TFAP2B. It may not necessarily be applicable to this product.

NCBI GI #	109150435
NCBI GeneID	55139
NCBI Accession #	NP_001035869
UniProt Primary Accession #	Q92481
UniProt Secondary Accession #	Q9NVZ4
UniProt Related Accession #	Q9H8Y5
GenBank Nucleotide #	NM_001042410
NCBI Official Full Name	ankyrin repeat and zinc finger domain-containing protein 1 isoform 1
NCBI Official Synonym Full Names	ankyrin repeat and zinc finger domain containing 1
NCBI Official Symbol	ANKZF1
NCBI Official Synonym Symbols	ZNF744
UniProt Protein Name	Transcription factor AP-2-beta
UniProt Synonym Protein Names	Activating enhancer-binding protein 2-beta
Protein Family	Transcription factor
UniProt Gene Name	TFAP2B
UniProt Entry Name	AP2B_HUMAN
NCBI Protein Information	ankyrin repeat and zinc finger domain-containing protein 1; zinc finger protein 744
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-mouse-antibody/tfap2b/9447775