

Product datasheet for TA344548

AP2 beta (TFAP2B) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-TFAP2B antibody: synthetic peptide directed towards the N terminal

of human TFAP2B. Synthetic peptide located within the following region: MHSPPRDQAAIMLWKLVENVKYEDIYEDRHDGVPSHSSRLSQLGSVSQGP

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Purification: Affinity Purified

Conjugation: Unconjugated

Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 50 kDa

Gene Name: transcription factor AP-2 beta

Database Link: NP 003212

Entrez Gene 7021 Human

Q92481



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Background:

TFAP2B belongs to the AP-2 family which is developmentally regulated and have distinct overlapping functions in the regulation of many genes governing growth and differentiation. TFAP2B binds DNA as a dimmer and can form homodimers or heterodimers with other AP-2 family members. It may be a candidate for conferring susceptibility to type 2 didabetes. This gene encodes a member of the AP-2 family of transcription factors. AP-2 proteins form homoor 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ SPAN PRIMARY IDENTIFIER PRIMARY SPAN COMP 1-144 AU141084.1 1-144 145-1684 BC037225.1 1-1540 1685-5370 AL049693.16 11928-15613 5371-5770 BU738725.1 18-417 c

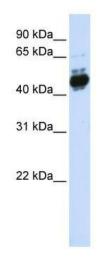
Synonyms: AP-2B; AP2-B

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human:

100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%

Protein Families: Druggable Genome, Transcription Factors

Product images:



WB Suggested Anti-TFAP2B Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control: Transfected 293T