

Datasheet for ABIN2459994
anti-TFAP2B antibody



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1 Image

Overview

Quantity:	100 µL
Target:	TFAP2B
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TFAP2B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human TFAP2B.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	TFAP2B
Alternative Name:	TFAP2B (TFAP2B Products)
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 dimer and can form homodimers or heterodimers with other AP-2 family members. It may be a candidate for conferring susceptibility to type 2 diabetes. This gene encodes a member of the AP-2 family of transcription factors. AP-2 proteins form homo-

Target Details

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. 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

Molecular Weight:	50 kDa
Gene ID:	7021
NCBI Accession:	NP_003212
UniProt:	Q92481
Pathways:	Carbohydrate Homeostasis , Synaptic Membrane

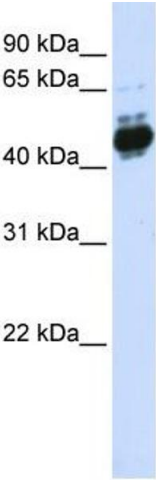
Application Details

Application Notes:	TFAP2B antibody can be used for detection of TFAP2B by ELISA at 1:62500. TFAP2B antibody can be used for detection of TFAP2B by western blot at 1 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store TFAP2B

antibody at -20 °C.



Western Blotting

Image 1.