Datasheet for ABIN2780496

anti-TFAP2B antibody (C-Term)

1 Image

Go to Product page

Overview

Quantity:	100 µL
Target:	TFAP2B
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Zebrafish (Danio rerio), Guinea Pig, Pig, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TFAP2B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human TFAP2B
Sequence:	ALTALQNYLT EALKGMDKMF LNNTTTNRHT SGEGPGSKTG DKEEKHRK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 85%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Sheep: 82%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against TFAP2B. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TFAP2B

Target Details

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 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 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. 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 Alias Symbols: AP-2B, AP2-B, MGC21381 Protein Interaction Partner: YEATS4, UBC, KCTD1, UBE2I, SUMO1, SSBP4, LZTR1, VPS11, HIST1H2AC, CITED4, MYC, CITED2, CITED1, Protein Size: 460
Molecular Weight:	50 kDa
Gene ID:	7021
NCBI Accession:	NM_003221, NP_003212
UniProt:	Q92481
Pathways:	Carbohydrate Homeostasis, Synaptic Membrane

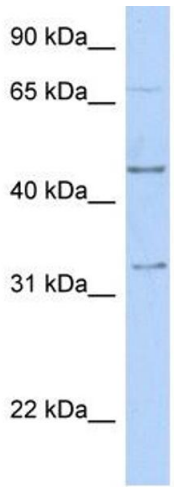
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 460 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-TFAP2B Antibody Titration: 0.2-1 ug/ml Positive Control: Human Muscle