

Datasheet for ABIN2777940
anti-TFAP2B antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	TFAP2B
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Zebrafish (Danio rerio), Guinea 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:	AQDRTPIGNS RPSPILEPGI QSCLT HFSLI THGFGAPAIC AALTALQNYL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 79%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against TFAP2B. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	TFAP2B
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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 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. Alias Symbols: AP-2B, AP2-B Protein Interaction Partner: YEATS4, UBC, KCTD1, UBE2I, SUMO1, SSBP4, LZTR1, VPS11, HIST1H2AC, CITED4, MYC, CITED2, CITED1, Protein Size: 449
Molecular Weight:	49 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: 449 AA
Restrictions:	For Research Use only

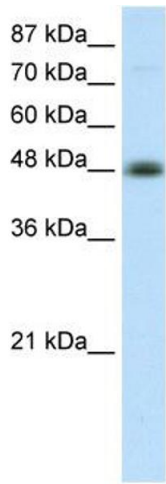
Handling

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

Handling

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: 2.5 ug/ml Positive Control: Transfected 293T