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Datasheet for ABIN2780497 anti-TFAP2C antibody (N-Term)

4 Images



Overview

Quantity:	100 μL
Target:	TFAP2C
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Zebrafish (Danio rerio), Rabbit, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TFAP2C antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TFAP2C
Sequence:	MLWKITDNVK YEEDCEDRHD GSSNGNPRVP HLSSAGQHLY SPAPPLSHTG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 75%, Horse: 75%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against TFAP2C. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified
Target Details	
Target:	TFAP2C

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Target Details	
Alternative Name:	TFAP2C (TFAP2C Products)
Background:	TFAP2C is a sequence-specific DNA-binding transcription factor involved in the activation of
	several developmental genes. The protein can act as either a homodimer or heterodimer with
	other family members and is induced during retinoic acid-mediated differentiation. It plays a
	role in the development of the eyes, face, body wall, limbs, and neural tube. The protein encoded
	by this gene is a sequence-specific DNA-binding transcription factor involved in the activation of
	several developmental genes. The encoded protein can act as either a homodimer or
	heterodimer with other family members and is induced during retinoic acid-mediated
	differentiation. It plays a role in the development of the eyes, face, body wall, limbs, and neural
	tube.
	Alias Symbols: AP2-GAMMA, ERF1, TFAP2G, hAP-2g
	Protein Interaction Partner: ZFAND4, NR112, IKBKB, GPR22, CCNG1, KCTD1, SUMO1, UBE2I,
	BRCA1, HHV8GK18_gp81, KDM5B, MYC, ELAVL1, SUMO2, UBC, CITED4, CITED2, CITED1, TP53,
	Protein Size: 450
Molecular Weight:	49 kDa
Gene ID:	7022
NCBI Accession:	NM_003222, NP_003213
UniProt:	Q92754
Pathways:	Stem Cell Maintenance
Application Details	

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 450 AA
Restrictions:	For Research Use only

Handling

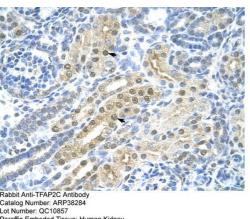
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 $\%$ (w/v) sodium azide and 2 $\%$ sucrose.
Preservative:	Sodium azide

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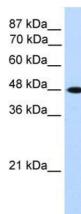
Handling

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



Rabbit Anti-TFAP2C Antibody Catalog Number: ARP38284 Lot Number: QC10857 Parafin Embeded Tissue: Human Kidney Cells with Positive label: Epithelial cells of renal tubule (Indicated with Arrows) Antibody Concentration: 4.0-8.0 µg/ml Magnification: 400X



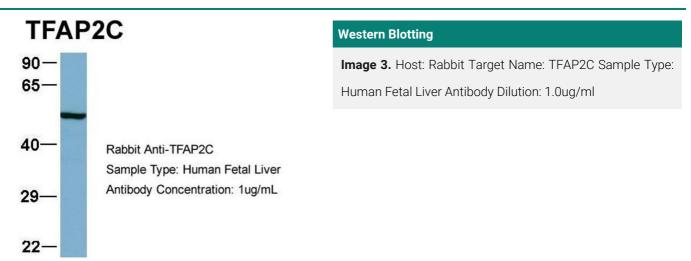
Immunohistochemistry

Image 1. Human kidney

Western Blotting

Image 2. WB Suggested Anti-TFAP2C Antibody Titration: 1.25ug/ml Positive Control: Transfected 293T

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Please check the product details page for more images. Overall 4 images are available for ABIN2780497.