Datasheet for ABIN2778628

anti-TFAP2C antibody (N-Term)

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Overview

Quantity:	100 µL
Target:	TFAP2C
Binding Specificity:	N-Term
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TFAP2C antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of mouse TCFAP2C
Sequence:	SASLIPHISG LEGGSVSARR EVYRRSDLLL PHAHALEAGL AENLGLHEMA
Predicted Reactivity:	Mouse: 100%, Rat: 85%
Characteristics:	This is a rabbit polyclonal antibody against TCFAP2C. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	TFAP2C

Target Details

Alternative Name:	TCFAP2C (TFAP2C Products)
Background:	Tcfap2c is a sequence-specific DNA-binding protein that interacts with inducible viral and cellular enhancer elements to regulate transcription of selected genes. Tcfap2c binds to the consensus sequence 5'-GCCNNNGGC-3' and activate genes involved in a large spectrum of important biological functions including proper eye, face, body wall, limbs and neural tube development. They also suppress a number of genes including MCAM/MUC18, C/EBP alpha and MYC. Alias Symbols: Stra2, Ap-2.2, Tcfap2c, AA409384, AP2gamma Protein Size: 449
Molecular Weight:	49 kDa
Gene ID:	21420
NCBI Accession:	NM_009335, NP_033361
UniProt:	Q61312
Pathways:	Stem Cell Maintenance

Application Details

Application Notes:	Optimal working dilution should be determined 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

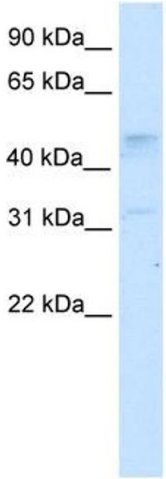
Handling

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.

Publications

Product cited in:	Holmberg, Ingner, Johansson, Leander, Hjalt: "PITX2 gain-of-function induced defects in mouse forelimb development." in: **BMC developmental biology**, Vol. 8, pp. 25, (2008) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-TCFAP2C Antibody Titration: 2.5ug/ml ELISA Titer: 1:1562500 Positive Control: SP2/0 cell lysate