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Datasheet for ABIN1537108  
**anti-TFAP2D antibody (C-Term)**

2 Images

Overview

Quantity:	400 µL
Target:	TFAP2D
Binding Specificity:	AA 308-336, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TFAP2D antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	This TFAP2D antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 308-336 amino acids from the C-terminal region of human TFAP2D.
Clone:	RB38026
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TFAP2D
Alternative Name:	TFAP2D ( <a href="#">TFAP2D Products</a> )

## Target Details

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**Background:** Sequence-specific DNA-binding protein that interacts with inducible viral and cellular enhancer elements to regulate transcription of selected genes. AP-2 factors bind 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, limb and neural tube development. They also suppress a number of genes including MCAM/MUC18, C/EBP alpha and MYC (By similarity).

**Molecular Weight:** 49578

**Gene ID:** 83741

**NCBI Accession:** [NP\\_758438](#)

**UniProt:** [Q7Z6R9](#)

## Application Details

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**Application Notes:** IF: 1:10~50. WB: 1:1000

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Buffer:** Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

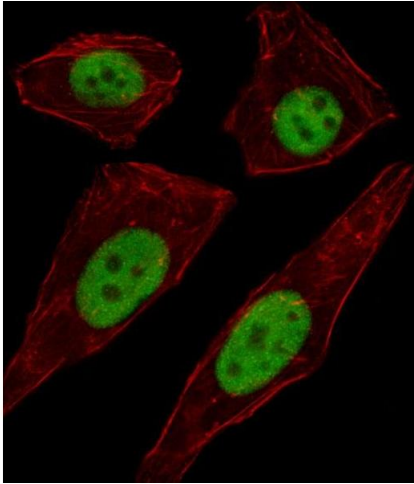
**Preservative:** Sodium azide

**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** 4 °C, -20 °C

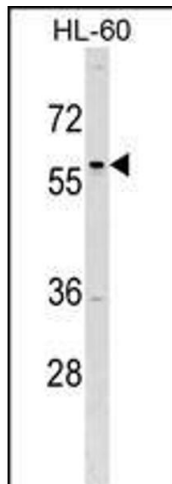
**Storage Comment:** TFAP2D Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

**Expiry Date:** 6 months



### Immunofluorescence

**Image 1.** Fluorescent image of A549 cell stained with TFD Antibody (C-term) (ABIN1537108 and ABIN2849445). A549 cells were fixed with 4 % PFA (20 min), permeabilized with Triton X-100 (0.1 %, 10 min), then incubated with TFD primary antibody (1:25, 1 h at 37 °C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 °C). Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7 units/mL, 1 h at 37 °C). TFD immunoreactivity is localized to Nucleus significantly.



### Western Blotting

**Image 2.** TFD Antibody (C-term) (ABIN1537108 and ABIN2849445) western blot analysis in HL-60 cell line lysates (35 µg/lane). This demonstrates the TFD antibody detected the TFD protein (arrow).