

Product Name: KD-Validated TFAP2C Recombinant Rabbit Monoclonal Antibody
Catalog #: KVA00369

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 49.2kDa

Antigen Information

Gene Name	TFAP2C
Alternative Names	TFAP2C; Transcription Factor AP-2 Gamma; AP2-GAMMA; TFAP2G; HAP-2g; ERF1; Activating Enhancer-Binding Protein 2 Gamma; Estrogen Receptor Factor 1; Transcription Factor ERF-1; Transcription Factor AP-2 Gamma (Activating Enhancer-Binding Protein 2 Gamma); AP2-Gamma
Gene ID	7022.0
SwissProt ID	Q92754
Immunogen	Recombinant protein of human TFAP2C

Background

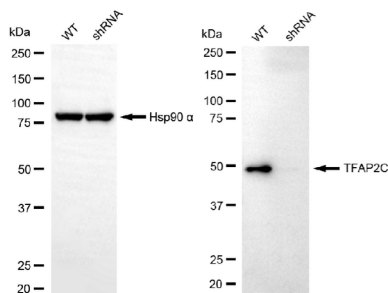
The protein encoded by this gene is a sequence-specific DNA-binding transcription factor involved in the activation of several

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. [provided by RefSeq, Jul 2008]

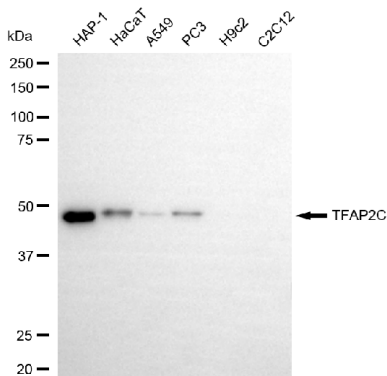
Research Area

Cell Biology, Epigenetics and Nuclear Signaling

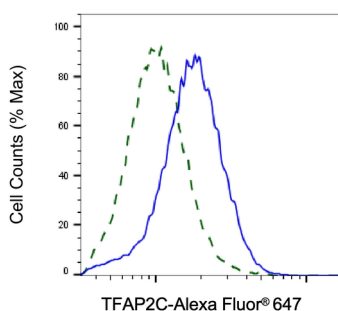
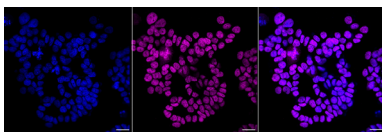
Image Data



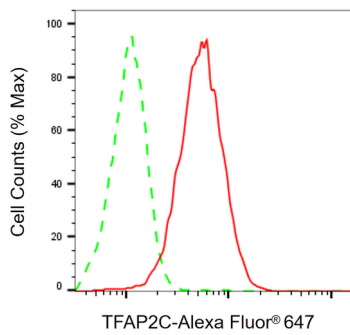
Western blotting analysis using TFAP2C antibody (KVA00369). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with TFAP2C antibody (KVA00369, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HAP-1 cells with TFAP2C antibody (KVA00369, 1:1,000). Nuclei were stained blue with DAPI; TFAP2C was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser intensity and smart gain: Medium. Scale bar, 20 µm.



Validation of TFAP2C knockdown using flow cytometry. Wild-type (WT, Blue) and knockdown (KD, Green) HeLa cells were stained with TFAP2C antibody (KVA00369, 1:2,000) and analyzed using BD flow cytometer.



Flow cytometric analysis of TFAP2C expression in HAP-1 cells using TFAP2C antibody (KVA00369, 1:2,000). Green, isotype control; red, TFAP2C.