

Transcription Factor AP 2 gamma Rabbit mAb

Catalog No: #52147

Package Size: #52147-1 50ul #52147-2 100ul

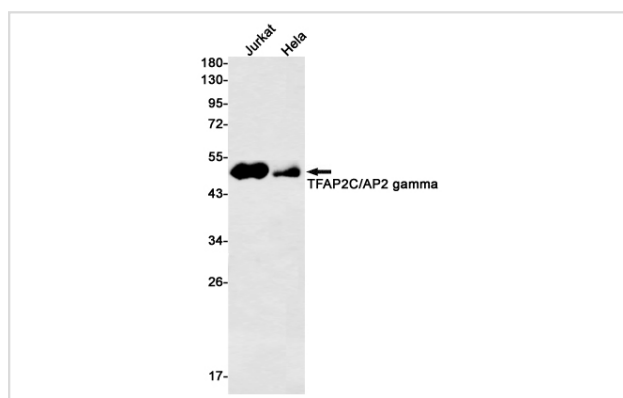
Description

Product Name	Transcription Factor AP 2 gamma Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	S03-8I2
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB IF
Species Reactivity	Human
Immunogen Description	Recombinant protein of human AP2 gamma
Conjugates	Unconjugated
Modification	Unmodification
Other Names	ERF1; TFAP2G; hAP-2g; AP2-GAMMA
Accession No.	Swiss-Prot:Q92754GeneID:7022
Calculated MW	Calculated MW: 49 kDa; Observed MW: 49 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

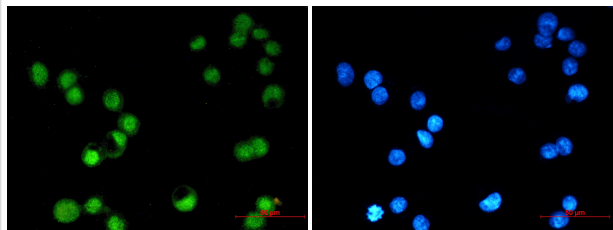
Application Details

WB: 1/1000; ICC/IF: 1/50;

Images



Western blot detection of TFAP2C/AP2 gamma in Jurkat, HeLa cell lysates using TFAP2C/AP2 gamma Rabbit mAb (1:500 diluted). Predicted band size: 49 kDa. Observed band size: 49 kDa.



Immunofluorescence of TFAP2C/AP2 gamma (green) in MCF-7 using TFAP2C/AP2 gamma antibody at dilution 1/20, and DAPI(blue)

Background

Swiss-Prot Acc.Q92754.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. Involved in the MTA1-mediated epigenetic regulation of ESR1 expression in breast cancer.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.