

Anti-AP2-beta Antibody

Catalog # AP96075

Product Information

Application	WB, FC
Primary Accession	Q92481
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	50474

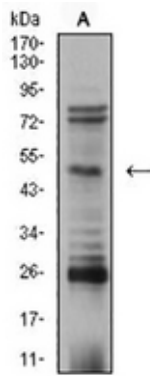
Additional Information

Gene ID	7021
Other Names	Transcription factor AP-2-beta; AP2-beta; Activating enhancer-binding protein 2-beta
Target/Specificity	Recombinant fusion protein of human AP2-beta expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200)
Format	Mouse IgG2b. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

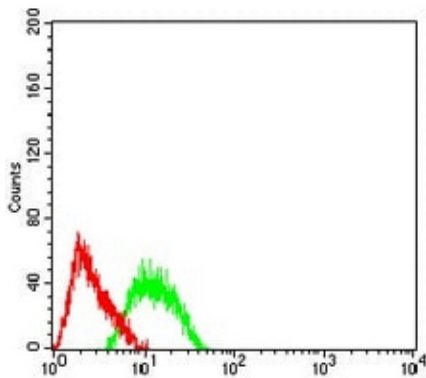
Protein Information

Name	TFAP2B
Function	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. AP-2-beta appears to be required for normal face and limb development and for proper terminal differentiation and function of renal tubular epithelia.
Cellular Location	Nucleus {ECO:0000250 UniProtKB:Q61313}. Note=In the brain, localizes to the arcuate hypothalamic nucleus, the ventromedial hypothalamic nucleus and the accumbens nucleus of the ventral striatum. {ECO:0000250 UniProtKB:Q61313}

Images



Western blot analysis of AP2-beta expression in SKNSH (A) whole cell lysates. (Predicted band size: 51 kD; Observed band size: 51 kD)



Flow cytometric analysis of SKNSH cells using Anti-AP2-beta Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.