

AP2 beta Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP56011

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q92481
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50474

Additional Information

Gene ID	7021
Other Names	Transcription factor AP-2-beta, AP2-beta, Activating enhancer-binding protein 2-beta, TFAP2B
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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}

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