



EEBF1 Rabbit pAb

Catalog No	YP-Ab-19243
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	SUFU UNQ650/PRO1280
Immunogen	Synthesized peptide derived from human EBF1
Specificity	This antibody detects endogenous levels of EBF1 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EBF1 COE1 EBF;Transcription factor COE1 (O/E-1) (OE-1) (Early B-cell factor)
Observed Band	
Calculated Molecular Weight	65kD
Cell Pathway	Nucleus .
Tissue Specificity	Ubiquitous in adult tissues. Detected in osteoblasts of the perichondrium in the developing limb of 12-week old embryos. Isoform 1 is detected in fetal brain, lung, kidney and testis. Isoform 2 is detected in fetal testis, and at much lower levels in fetal brain, lung and kidney.
Function	Key pioneer transcription factor of B-cell specification and commitment . Recognizes variations of the palindromic sequence 5'-ATTCCCNNGGGAATT-3'. Operates in a transcription factor network to activate B-cell-specific genes and repress genes associated with alternative cell fates. For instance, positively regulates many B-cell specific genes including BCR or CD40 while repressing genes that direct cells into alternative lineages, including GATA3 and TCF7 for the T-cell lineage. In addition to its role during lymphopoiesis, controls the thermogenic gene program in adipocytes during development and in response to environmental cold (By similarity). ; (Microbial infection) Acts as a chromatin anchor for Epstein-Barr virus EBNA2 to mediate the assembly of EBNA2



chromatin complexes in B-cells . In addition, binds to the viral LMP1 proximal promoter and promotes its expression during latency .

Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images