



Anti-FEV (aa 31-130) polyclonal antibody (DPAB-DC2357)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene belongs to the ETS transcription factor family. ETS family members have a highly conserved 85-amino acid ETS domain that binds purine-rich DNA sequences. The alanine-rich C-terminus of this gene indicates that it may act as a transcription repressor. This gene is exclusively expressed in neurons of the central serotonin (5-HT) system, a system implicated in the pathogeny of such psychiatric diseases as depression, anxiety, and eating disorders. In some types of Ewing tumors, this gene is fused to the Ewing sarcoma (EWS) gene following chromosome translocations.
Immunogen	FEV (NP_059991, 31 a.a. ~ 130 a.a) partial recombinant protein with GST tag. The sequence is PSWGPLSPAVQKGSGQIQLWQFLLELLADRANAGCIAWEGGHGEFKLTDPDEVARRWGER KSKPNMNYDKLSRALRYYYDKNIMSKVHGKRYAYRFDQFQ
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	FEV FEV (ETS oncogene family) [Homo sapiens (human)]
Official Symbol	FEV
Synonyms	FEV; FEV (ETS oncogene family); PET-1; HSRNAFEV; protein FEV; fifth Ewing variant protein; PC12 ETS domain-containing transcription factor 1;
Entrez Gene ID	54738
Protein Refseq	NP_059991
UniProt ID	Q99581
Chromosome Location	2q36
Pathway	SIDS Susceptibility Pathways; Transcriptional misregulation in cancer;
Function	double-stranded DNA binding; sequence-specific DNA binding; sequence-specific DNA binding RNA polymerase II transcription factor activity; sequence-specific DNA binding transcription factor activity