



Mouse anti-Human ETV6 polyclonal antibody (DPAB-DC917)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes an ETS family transcription factor. The product of this gene contains two functional domains: a N-terminal pointed (PNT) domain that is involved in protein-protein interactions with itself and other proteins, and a C-terminal DNA-binding domain. Gene knockout studies in mice suggest that it is required for hematopoiesis and maintenance of the developing vascular network. This gene is known to be involved in a large number of chromosomal rearrangements associated with leukemia and congenital fibrosarcoma.
Immunogen	ETV6 (AAH43399, 1 a.a. ~ 452 a.a) full-length recombinant protein with GST tag. The sequence is MSETPAQCSIKQERISYTPPESPVPSYASSTPLHVPVPRALRMEEDSIRLPAHLRLQPIY WSRDDVAQWLKWAENEFSLRPIDSNTFEMNGKALLLTKEFRYRSPHSGDVLYELLQHI LKQRKPRILFSPFFHPGNSIHTQPEVILHQNHEDNCVQRTPRPSVDNVHHNPPTIELLH RSRSPITTNHRSPDPEQRPLRSPLDNMIRRLSPAERAQGPRPHQENNHQESYPLSVSPM ENNHCPASSESHPKPSSPRQESTRVIQLMPSPIMHPLILNPRHSVDFKQSRLSEDGLHRE GKPINLSHREDLAYMNHIMVSVSPPEEHAMPIGRIADCRLWDYVYQLLSDSRYENFIRW EDKESKIFRIVDPNGLARLWGNHKNRTNMTYEKMSRALRHYYKL
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	ETV6 ets variant 6 [Homo sapiens (human)]
Official Symbol	ETV6
Synonyms	ETV6; ets variant 6; TEL; TEL/ABL; transcription factor ETV6; TEL1 oncogene; ETS-related protein Tel1; ETS translocation variant 6; ets variant gene 6 (TEL oncogene);
Entrez Gene ID	2120
Protein Refseq	NP_001978
UniProt ID	P41212
Chromosome Location	12p13
Pathway	Diurnally regulated genes with circadian orthologs; Dorso-ventral axis formation; Transcriptional misregulation in cancer;
Function	RNA polymerase II regulatory region sequence-specific DNA binding; protein binding; protein domain specific binding; sequence-specific DNA binding RNA polymerase II transcription factor activity