



Anti-PLEK (aa 121-230) polyclonal antibody (DPAB-DC2274)

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

PRODUCT INFORMATION

Antigen Description	PLEK (pleckstrin) is a protein-coding gene. Diseases associated with PLEK include aarskog-scott syndrome, and centronuclear myopathy, and among its related super-pathways are Response to elevated platelet cytosolic Ca ²⁺ and Hemostasis. GO annotations related to this gene include phosphatidylinositol-3,4-bisphosphate binding and protein homodimerization activity. An important paralog of this gene is PLEK2.
Immunogen	PLEK (AAH18549, 121 a.a. ~ 230 a.a) partial recombinant protein with GST tag. The sequence is PETIDLGALYLSMKDTEKGIKELNLEKDKKIFNHCFTGNCVIDWLVSQSVNRNRQEGLMI ASSLLNEGYLQPAGDMSKSAVDGTAENPFLDNPDAFYYPDSGFFCEENS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), 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	PLEK pleckstrin [Homo sapiens (human)]
Official Symbol	PLEK
Synonyms	PLEK; pleckstrin; P47; platelet 47 kDa protein;
Entrez Gene ID	5341
Protein Refseq	NP_002655
UniProt ID	P08567
Chromosome Location	2p13.3
Pathway	Hemostasis; Platelet degranulation;
Function	phosphatidylinositol-3,4-bisphosphate binding; protein binding; protein homodimerization activity; protein kinase C binding