



Anti-CABIN1 (aa 1-110) polyclonal antibody (DPAB-DC1113)

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

PRODUCT INFORMATION

Antigen Description	Calcineurin plays an important role in the T-cell receptor-mediated signal transduction pathway. The protein encoded by this gene binds specifically to the activated form of calcineurin and inhibits calcineurin-mediated signal transduction. The encoded protein is found in the nucleus and contains a leucine zipper domain as well as several PEST motifs, sequences which confer targeted degradation to those proteins which contain them. Alternative splicing results in multiple transcript variants encoding two different isoforms.
Immunogen	CABIN1 (NP_036427, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. The sequence is MIRIAALNASSTIEDDHEGSFKSHKTQTKEAQEAEFALYHKALDLQKHDRFEESAKAYH ELLEASLLREAVSSGDEKEGLKHPGLILKYSTYKNLAQLAAQREDLETAM
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	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	CABIN1 calcineurin binding protein 1 [Homo sapiens (human)]
Official Symbol	CABIN1
Synonyms	CABIN1; calcineurin binding protein 1; CAIN; PPP3IN; calcineurin-binding protein cabin-1; calcineurin inhibitor; calcineurin binding protein cabin 1;
Entrez Gene ID	23523
Protein Refseq	NP_001186210
UniProt ID	A0A024R1E5
Chromosome Location	22q11.23
Pathway	Calcium signaling in the CD4+ TCR pathway; Cellular responses to stress; Formation of Senescence-Associated Heterochromatin Foci (SAHF);
Function	protein phosphatase inhibitor activity;
