



Anti-TOC1 (C-terminal) polyclonal antibody (CPBT-27112RA)

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

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal antibody to Arabidopsis TOC1.
Immunogen	Synthetic peptide from the C terminal region of Arabidopsis thaliana APRR1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, ELISA
Cellular Localization	Nuclear
Format	Liquid
Size	50 µg
Buffer	Preservative: 0.01% Sodium Azide Constituents: 50% Glycerol, PBS
Preservative	0.01% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	TOC1 two-component response regulator-like APRR1 [Arabidopsis thaliana]
Official Symbol	TOC1
Synonyms	TOC1; two-component response regulator-like APRR1; ABI3 interacting protein 1; AIP1; At5g61380; MFB13.16; Pseudo response regulator; Timing of CAB expression 1; TOC1; Two component response regulator like APRR1; CCT motif -containing response regulator protein TIMING OF CAB EXPRESSION 1 (TOC1); CONTAINS InterPro DOMAIN/s: CheY-like (InterPro:IPR011006), Signal transduction response regulator, receiver domain (InterPro:IPR001789), CCT domain (InterPro:IPR010402); BEST Arabidopsis thaliana protein match is: pseudo-response regulator 3 (TAIR:AT5G60100.3); Has 1807 Blast hits to 1807 proteins in 277 species: Archae - 0; Bacteria - 0; Metazoa - 736; Fungi - 347; Plants - 385; Viruses - 0; Other Eukaryotes - 339 (source: NCBI BLINK.); APRR1; AtTOC1; MFB13.13; MFB13_13; PRR1; PSEUDO-RESPONSE REGULATOR 1; TIMING OF CAB EXPRESSION 1;
Entrez Gene ID	836259
Protein Refseq	NP_200946
UniProt ID	Q9LKL2
Pathway	Circadian rhythm - plant, organism-specific biosystem; Circadian rhythm - plant, conserved biosystem.
Function	protein binding; NOT transcription regulatory region DNA binding; two-component response regulator activity;