



Plant GST rabbit pAb

Cat No.:ES20878

For research use only

Overview

Product Name	Plant GST rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Nicotianatabacum
Recommended dilutions	WB: 1:3000-10000
Immunogen	Recombinant Protein of Plant GST
Specificity	The antibody detects endogenous Plant GST proteins.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	
Gene Name	
Cellular localization	
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	
Observed band	24kD
Human Gene ID	
Human Swiss-Prot Number	
Alternative Names	
Background	The soluble glutathione transferases (GSTs) are encoded by a large and diverse gene family in plants. GSTs are predominantly expressed in the cytosol, where their GSH-dependent catalytic functions include the conjugation and resulting detoxification of herbicides, the reduction of organic hydroperoxides formed during oxidative stress and the isomerization of maleylacetoacetate to fumarylacetoacetate, a key step in the catabolism of tyrosine. GSTs also have non-catalytic roles, binding





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flavonoid natural products in the cytosol prior to their deposition in the vacuole.



+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei, P.R.C