

Plant GST Rabbit pAb

Cat No: HR1APEA019

For research use only

Overview

Product Name	Plant GST Rabbit pAb
Source	Rabbit
Applications	WB
Species Reactivity	VariousPlants
Recommended Dilutions	WB 1:3,000-10,000
Immunogen	
Species	Rabbit
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20°C. Avoid repeated freeze-thaw cycles.
Isotype	IgG
Clonality	Polyclonal
Concentration	1mg/ml
Observed band	24kDa
GeneID?Human?	N/A
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	N/A
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 flavonoid natural products in the cytosol prior to their deposition in the vacuole.