

## Plant GST Rabbit Polyclonal Antibody

Catalog	TDY060C	TDY060F	Tel: 010-82908854
			Free: 400-0620-621
Quantity	50μL	100μL	Web: www.tdybio.com

**For research use only.**

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB	Nicotiana tabacum	~24KDa	IgG

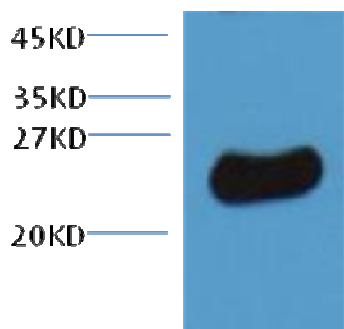
**Storage Buffer & Condition:** PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.  
Store at **-20°C**. **Do not aliquot the antibody.**

**Recommended dilutions: WB: 1:3,000-10,000**

**Optimal dilutions should be determined by the end user.**

**Specificity:** The Plant GST antibody can recognize endogenous Plant GST proteins.

**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.



10ug total Nicotiana tabacum lysate + primary antibody dilute at 1:3000