Plant GST Rabbit Polyclonal Antibody

Catalog No: #T514

Package Size: #T514-1 50ul #T514-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

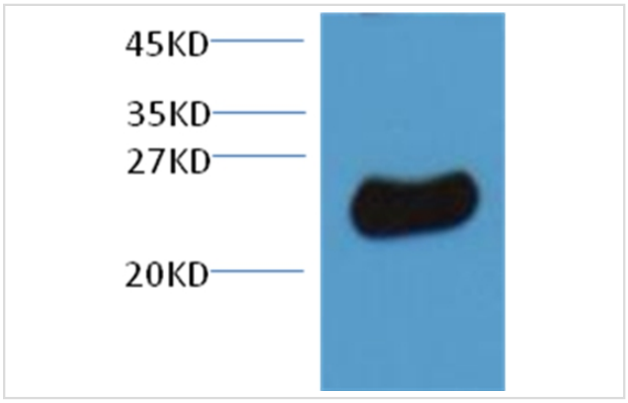
Description

Product Name	Plant GST Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Nicotiana tabacum
Specificity	The Plant GST rabbit polyclonal antibody can recognize endogenous Plant GST?proteins.
Conjugates	Unconjugated
Target Name	Plant GST
Concentration	1.0mg/ml
Formulation	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:1000~1:3000

Images



10ug total Nicotiana tabacum lysate + Primary antibody #T514 dilution at 1:3000.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.