

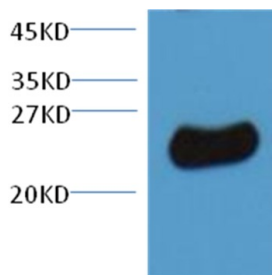
Anti-Plant GST Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Nicotiana tabacum
Conjugation:	Unconjugated
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Applications

Verified Activity: 1. 10ug total Nicotiana tabacum lysate + Primary antibody TMAC-03364 dilution at 1:3000.



Application:	WB
Recommended	WB: 1:1000-3000

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping: Shipping with blue ice.

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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