

Plant GST Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP13145
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Recombinant Protein of Plant GST
Mol wt	N/A
Species reactivity	Nicotianatabacum
Clonality	Polyclonal
Recommended application	WB
Concentration	N/A
Full name	N/A
Synonyms	N/A

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

WB: 1: 3000 - 10000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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