

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

Full name

Synonyms

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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