

Rabbit Anti-GST Polyclonal Antibody

CATALOG NUMBER: CB-G85r, 100 µg

Introduction Affinity tags are appended to proteins so that they can be purified from their crude biological source using an affinity technique. These include chitin binding protein (CBP), maltose binding protein (MBP), and glutathione-S-transferase (GST).

GST is commonly used to create fusion proteins. The tag has the size of 220 amino acids (roughly 26 KDa), which, compared to other tags like the myc- or the FLAG-tag, is quite big. It is fused to the N-terminus of a protein. However, many commercially-available sources of GST-tagged plasmids include a thrombin domain for cleavage of the GST tag during protein purification.

Description Rabbit anti-GST polyclonal antibody.

Applications Western blot (1:1000-5000), ELISA (1:500-10000), other applications not tested.

Immunogen Synthesized peptide from Glutathione-S-transferase (GST).

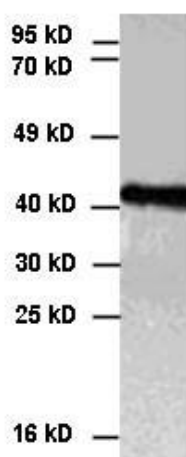
Specificity Recognize GST or GST fusion proteins with very high affinity.

Purification Protein A chromatography.

Isotype Rabbit IgG.

Storage 4 °C for short term (for long-term storage, keep at -20°C or -70°C). Non-hazardous.

Concentration 1 µg/µl.



WB: GST fusion protein in transfected HEK293 whole cell lysate