

# **GST Polyclonal antibody**

*Glutathione-S-transferase Polyclonal Rabbit Antibody*  
**ABP0036**

## Product Overview

Name GST Polyclonal antibody

### Description

Glutathione-S-transferase Polyclonal Rabbit Antibody

### Synonyms

Guanylate cyclase activator 2B, UGN, GCAP-II, GUCA2B.

### Introduction

Prouroguanylin is a 112-amino-acid prohormone precursor of uroguanylin- mature biologically active 16-amino-acid peptide cleaved from its C-terminus. Guanylin binds to receptor-guanylate cyclases (CG-C) resulting in increased intracellular cGMP levels leading to CFTCR (Cystic Fibrosis Transmembrane Conductance Regulator) activation and subsequent rise in fluid and electrolyte secretion into the lumen. Prouroguanyline knock-out mice showed impaired renal excretion of external NaCl leading to elevated blood pressure independent of the level of dietary salt intake. Prouroguanylin is the predominant circulating molecular form found in circulation and in biological fluids.

### Source

Escherichia Coli.

### Physical Appearance

Sterile Filtered clear solution.

### Formulation

20mM TRIS, 50mM NaCl and 20% (v/v) glycerol, pH 7.5.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Purity

Greater than 95.0% as determined by SDS-PAGE.

### Amino acid sequence

MKHHHHHHAS VYIQYQGFRVQLESMMKKLSGLEAQWAPSPRLQAQSLLP  
AVCHHPALPQDLQPVCASQEASSIFKTLRTIANDDCELCVNVACTGCL.

### Precautions

GST Polyclonal antibody is for research use only and not for use in diagnostic or therapeutic procedures.

