

(KO Validated) GSS Polyclonal Antibody

Catalog No. E-AB-65027

Note: Centrifuge before opening to ensure complete recovery of vial contents.

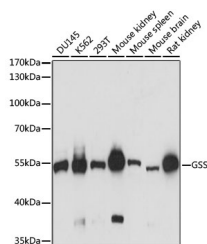
Description

Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein of human GSS (NP_000169.1).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications Recommended Dilution

WB 1:500-1:2000

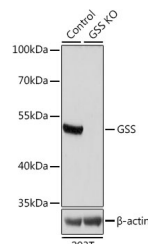
Data



Western blot analysis of extracts of various cell lines using GSS Polyclonal Antibody at dilution of 1:3000.

Observed Mw:54kDa

Calculated Mw:40kDa/52kDa



Western blot analysis of extracts from normal (control) and GSS knockout (KO) 293T cells using GSS Polyclonal Antibody at dilution of 1:1000.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

Glutathione is important for a variety of biological functions, including protection of cells from oxidative damage by free radicals, detoxification of xenobiotics, and membrane transport. The protein encoded by this gene functions as a homodimer to catalyze the second step of glutathione biosynthesis, which is the ATP-dependent conversion of gamma-L-glutamyl-L-cysteine to glutathione. Defects in this gene are a cause of glutathione synthetase deficiency.

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