

Guanylyl Cyclase beta 1 (GUCY1B3) Rabbit pAb

Catalog No.: A15276

1 Publications

Basic Information

Observed MW

70kDa

Calculated MW

71kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes the beta subunit of the soluble guanylate cyclase (sGC), which catalyzes the conversion of GTP (guanosine triphosphate) to cGMP (cyclic guanosine monophosphate). The encoded protein contains an HNOX domain, which serves as a receptor for ligands such as nitric oxide, oxygen and nitrovasodilator drugs. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:200 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

2983

Swiss Prot

Q02153

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

GUCB3; GC-SB3; GUC1B3; GUCSB3; GUCY1B3; GC-S-beta-1; Guanylyl Cyclase beta 1 (GUCY1B3)

Contact

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Product Information

Source

Rabbit

Isotype

IgG

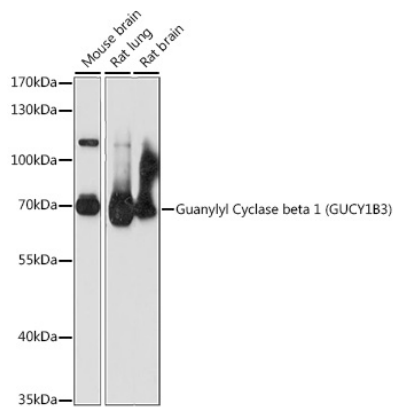
Purification

Affinity purification

Storage

Store at -20°C

Validation Data



Western blot analysis of various lysates using Guanylyl Cyclase beta 1 (GUCY1B3) Rabbit pAb (A15276) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30S.