

bs-0348R

• Rabbit Anti-G protein beta subunit GI Polyclonal Antibody

Primary Antibody

Conjugation: Unconjugated

Gene ID: Entrez Gene: [5077](#)

Source: KLH conjugated synthetic peptide derived from human G protein beta subunit GI

Purification: purified by Protein A and peptide affinity chromatography

Storage:

Aqueous buffered solution containing 100ug/ml BSA, 50% glycerol and 0.09% sodium azide. Store at -20°C for 12 months

Target Protein: G protein beta subunit GI

Background:

G protein beta subunit GI/GS/GT (guanine nucleotide-binding protein G). WD40 domain, found in a number of eukaryotic proteins that cover a wide variety of functions including adaptor/regulatory modules in signal transduction, pre-mRNA processing and cytoskeleton assembly; typically contains a GH dipeptide 11-24 residues from its N-terminus and the WD dipeptide at its C-terminus and is 40 residues long, hence the name WD40; between GH and WD lies a conserved core; serves as a stable propeller-like platform to which proteins can bind either stably or reversibly; forms a propeller-like structure with several blades where each blade is composed of a four-stranded anti-parallel β -sheet; instances with few detectable copies are hypothesized to form larger structures by dimerization; each WD40 sequence repeat forms the first three strands of one blade and the last strand in the next blade; the last C-terminal WD40 repeat completes the blade structure of the first WD40 repeat to create the closed ring propeller-structure; residues on the top and bottom surface of the propeller are proposed to coordinate interactions with other proteins and/or small ligands; 7 copies of the repeat are present in this alignment.

Size: 100ul

Concentration: 1ug/uL

Host: Rabbit

Reactivities:

Human, Mouse, Rat, Chicken, Dog, Pig, Bovine,

Application:

- WB (1:100-500)
- ELISA (1:500-1000)
- IHC-P (1:100-500)
- IF (1:100-500)

Antibody Type: Polyclonal

Isotype: IgG

Note:

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.

For validation images and publications, please see [PRODUCT PAGE](#).