

**Anti-FKSG1 Antibody**  
Catalog # AP54011**Specification**

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**Anti-FKSG1 Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">Q9BYB4</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>35618</b>

**Anti-FKSG1 Antibody - Additional Information****Gene ID** 54584**Other Names**

GY2; KIAA1645; WDR14; Guanine nucleotide-binding protein subunit beta-like protein 1; G protein subunit beta-like protein 1; DGCRK3; WD repeat-containing protein 14; WD40 repeat-containing protein deleted in VCFS; WDVCF

**Target/Specificity**

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human FKSG1. The exact sequence is proprietary.

**Dilution**

WB~~1/500 - 1/1000

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-FKSG1 Antibody - Protein Information****Name** GNB1L ([HGNC:4397](#))**Synonyms** GY2, KIAA1645, WDR14**Function**

Acts as a critical regulator of DNA damage response (DDR) signaling via specifically regulating phosphatidylinositol 3-kinase- related protein kinase (PIKK) family proteins.

**Cellular Location**

Cytoplasm. Nucleus. Note=Localizes mainly in cytosol and to a lesser extent in the nucleus.

### Tissue Location

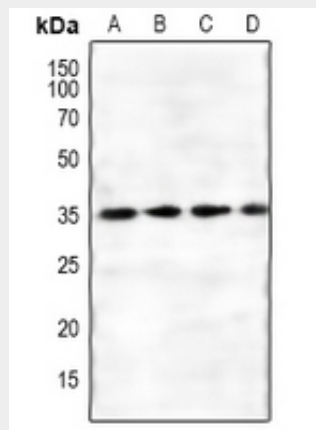
Ubiquitous. Highly expressed in heart, liver, skeletal muscle, kidney, spleen, thymus and pancreas. Detected at low levels in lung, placenta and brain.

### Anti-FKSG1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Anti-FKSG1 Antibody - Images



Western blot analysis of FKSG1 expression in mouse kidney (A), rat kidney (B), mouse heart (C), rat heart (D) whole cell lysates.

### Anti-FKSG1 Antibody - Background

Rabbit polyclonal antibody to FKSG1