

## INPP5J polyclonal antibody

Catalog: BS61235

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Inositol and phosphatidylinositol phosphates are important for numerous cellular processes, including neuronal survival and signal transductions from growth factors, neurotransmitters and G protein coupled receptors. INPP5J (inositol polyphosphate-5-phosphatase J), also known as phosphatidylinositol 4,5-bisphosphate 5-phosphatase A, PIPP (proline-rich inositol polyphosphate 5-phosphatase), PIB5PA or INPP5, is a 1,006 amino acid cytoplasmic protein that assists in the conversion of inositol 1,4-bisphosphate from inositol 1,4,5-trisphosphate. Expressed in lung, stomach, kidney, brain, small intestine and heart, INPP5J localizes to membrane ruffles, where it may also participate in modulating inositol and phosphatidylinositol polyphosphate-binding proteins. Encoded by a gene located on human chromosome 22, INPP5J undergoes alternative splicing to produce three isoforms.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

### Molecular Weight:

~ 70 kDa

### Swiss-Prot:

Q15735

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

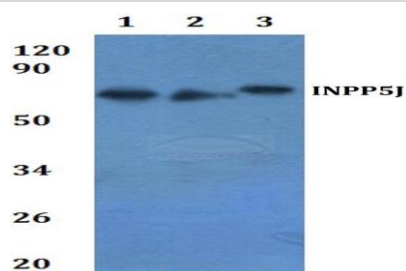
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

INPP5J polyclonal antibody detects endogenous levels of INPP5J protein.

### DATA:



Western blot (WB) analysis of INPP5J polyclonal antibody at 1:500 dilution Lane1:HEK293T whole cell lysate

Lane2:RAW264.7 whole cell lysate Lane3:H9C2 whole cell lysate

### Note:

For research use only, not for use in diagnostic procedure.

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