

## **Product datasheet for TA377520S**

## SKIP (INPP5K) Rabbit Polyclonal Antibody

## **Product data:**

**Product Type:** Primary Antibodies

**Applications:** ICC/IF, WB

Recommended Dilution: WB,1:500 - 1:2000

IF,1:50 - 1:200

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 149-448 of

human INPP5K (NP\_057616.2).

**Formulation:** Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

**Concentration:** lot specific

**Purification:** Affinity purification

**Conjugation:** Unconjugated

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

**Stability:** Shelf life: one year from despatch.

Predicted Protein Size: 42kDa/51kDa

**Gene Name:** inositol polyphosphate-5-phosphatase K

Database Link: Entrez Gene 51763 Human

Q9BT40

**Background:** This gene encodes a protein with 5-phosphatase activity toward polyphosphate inositol. The

protein localizes to the cytosol in regions lacking actin stress fibers. It is thought that this protein may negatively regulate the actin cytoskeleton. Alternatively spliced transcript

variants encoding different isoforms have been identified.

Synonyms: OTTHUMP00000198133; PPS; SKIP



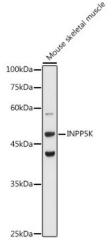
**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

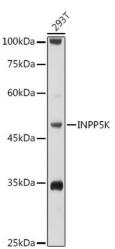
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## **Product images:**

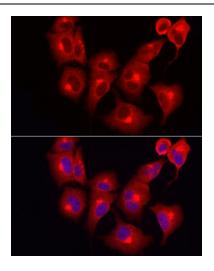




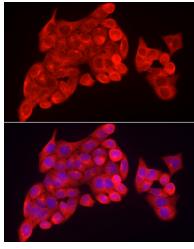
Western blot analysis of extracts of Mouse skeletal muscle, using INPP5K antibody ([TA377520]) at 1:1000 dilution.|Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.|Lysates/proteins: 25ug per lane.|Blocking buffer: 3% nonfat dry milk in TBST.|Detection: ECL Basic Kit.|Exposure time: 60s.

Western blot analysis of extracts of 293T cells, using INPP5K antibody ([TA377520]) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 10s.

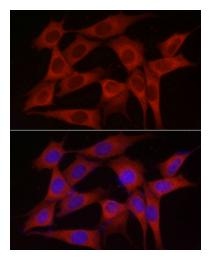




Immunofluorescence analysis of A-549 cells using INPP5K Rabbit pAb ([TA377520]) at dilution of 1:150 (40x lens). Blue: DAPI for nuclear staining.

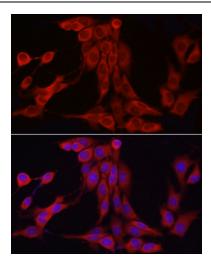


Immunofluorescence analysis of HeLa cells using INPP5K Rabbit pAb ([TA377520]) at dilution of 1:150 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using INPP5K Rabbit pAb ([TA377520]) at dilution of 1:150 (40x lens). Blue: DAPI for nuclear staining.





Immunofluorescence analysis of PC-12 cells using INPP5K Rabbit pAb ([TA377520]) at dilution of 1:150 (40x lens). Blue: DAPI for nuclear staining.