

Product datasheet for **AP52258PU-N**

IP3KC (ITPKC) (N-term) Rabbit Polyclonal Antibody

Product data:

| | |
|-----------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | FC, IHC, WB |
| Recommended Dilution: | Peptide ELISA: 1/1000. Western Blot: 1/1000. Flow Cytometry: 1/10-1/50. Immunohistochemistry on Paraffin Sections: 1/50-1/100. |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | Ig |
| Clonality: | Polyclonal |
| Immunogen: | KLH conjugated synthetic peptide between 89-117 amino acids from the N-terminal region of human ITPKC. |
| Specificity: | This antibody recognizes Human IP3 3-kinase C / ITPKC (N-term). |
| Formulation: | PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction |
| Concentration: | lot specific |
| Purification: | Protein A column, followed by peptide affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | inositol-trisphosphate 3-kinase C |
| Database Link: | Entrez Gene 80271 Human Q96DU7 |



[View online »](#)

Background:

ITPKC encodes a member of the inositol 1,4,5-trisphosphate [Ins(1,4,5)P(3)] 3-kinase family of enzymes that catalyze the phosphorylation of inositol 1,4,5-trisphosphate to 1,3,4,5-tetrakisphosphate. The encoded protein is localized to the nucleus and cytoplasm and has both nuclear import and nuclear export activity. Single nucleotide polymorphisms in this gene are associated with Kawasaki disease.

Synonyms:

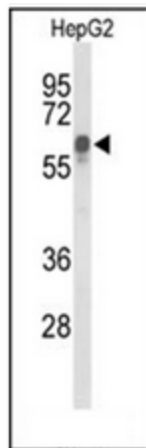
IP3KC, InsP3-kinase C, IP3K-C

Note:

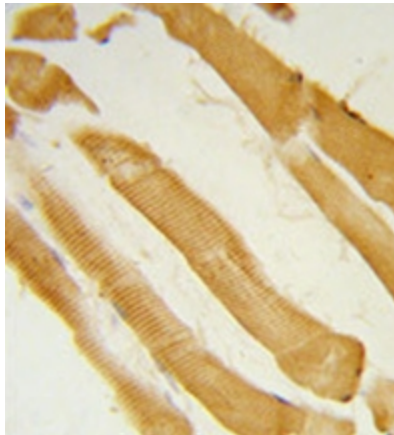
Molecular Weight: 75207 Da

Protein Families:

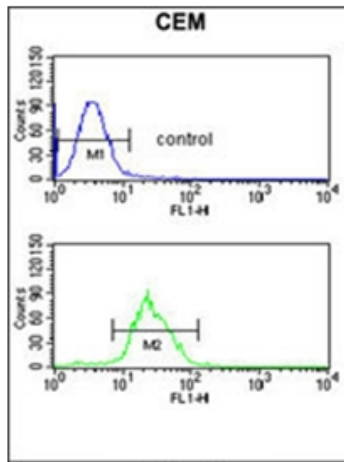
Druggable Genome

Product images:

Western blot analysis of ITPKC Antibody (N-term) in HepG2 cell line lysates (35ug/lane). ITPKC (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human skeletal muscle reacted with ITPKC Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



Flow cytometric analysis of CEM cells using ITPKC Antibody (N-term) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.