



IPMK Polyclonal Antibody

IPMK. AA range:311-360 Specificity IPMK Polyclonal Antibody detects endogenous levels of IPMK protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms IPMK; IMPK; Inositol polyphosphate multikinase; Inositol 1; 3,4,6-tetrakisphosphate 5-kinase Observed Band 47kD Cell Pathway Nucleus. Tissue Specificity Ubiquitous, with the highest expression in skeletal muscle, liver, placenta, lung peripheral blood leukocytes, kidney, spleen and colon. catalytic activity: ATP + 1D-myo-inositol 1,4,5,6-tetrakisphosphate = ADP + 1D-myo-inositol 1,3,4,5,6-pentakisphosphate, catalytic activity: ATP + 1D-myo-inositol 1,4,5-trisphosphate (Ins(1,4,5)P3) and inositol 1,3,4,6-tetrakisphosphate (Ins(1,3,4,6)P4)similarity:Belongs to the inositol phosphokinase (IPK) family, tissue specificity: Ubiquitous, with the highest expression in skeletal muscle, liver, placental, lung peripheral blood leukocytes, kidney, spleen and colon.		
Reactivity Human; Mouse; Rat; Monkey Applications WB; IHC; IF; ELISA Gene Name IPMK Protein Name Inositol polyphosphate multikinase Immunogen The antiserum was produced against synthesized peptide derived from human IPMK. AA range: 311-360 Specificity IPMK Polyclonal Antibody detects endogenous levels of IPMK protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms IPMK; IMPK; Inositol polyphosphate multikinase; Inositol 1; 3,4,6-tetrakisphosphate 5-kinase Observed Band 47kD Cell Pathway Nucleus. Tissue Specificity Ubiquitous, with the highest expression in skeletal muscle, liver, placenta, lung peripheral blood leukocytes, kidney, spleen and colon. catalytic activity:ATP + 1D-myo-inositol 1,4,5,6-tetrakisphosphate = ADP + 1D-myo-inositol 1,3,4,6-tetrakisphosphate. (activity:ATP + 1D-myo-inositol 1,4,5-trisphosphate and EADP + 1D-myo-inositol 1,4,5-trisphosphate (Inst), 1,4,5-trisph	Catalog No	BYab-14794
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Nanjing BYabscience technology Co.,Ltd

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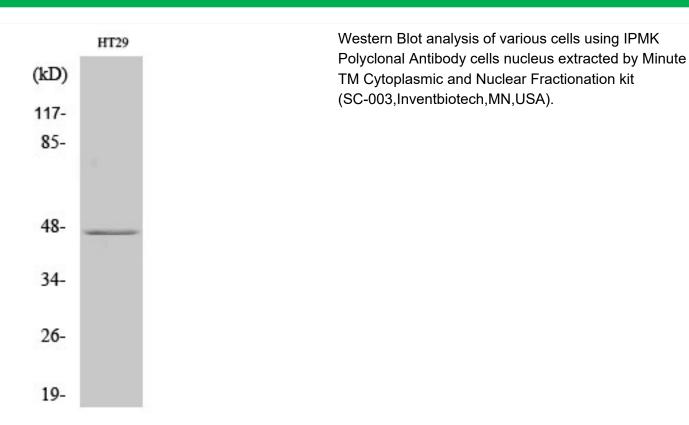


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Background	This gene encodes a member of the inositol phosphokinase family. The encoded protein has 3-kinase, 5-kinase and 6-kinase activities on phosphorylated inositol substrates. The encoded protein plays an important role in the biosynthesis of inositol 1,3,4,5,6-pentakisphosphate, and has a preferred 5-kinase activity. This gene may play a role in nuclear mRNA export. Pseudogenes of this gene are located on the long arm of chromosome 13 and the short arm of chromosome 19. [provided by RefSeq, Dec 2010],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

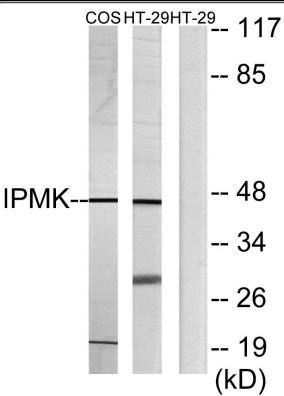


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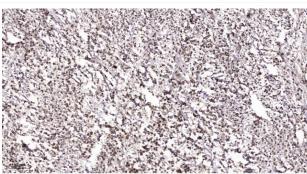
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Western blot analysis of lysates from HT-29 and COS7 cells, using IPMK Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).

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