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IP3KA Polyclonal Antibody

Catalog No YP-Ab-14792 Isotype IgG Reactivity Human;Mouse;Rat Applications WB;ELISA;IHC Gene Name ITPKA Protein Name Inositol-trisphosphate 3-kinase A Immunogen The antiserum was produced against synthesized peptide derived from human IP3KA. AA range:396-445 Specificity IP3KA Polyclonal Antibody detects endogenous levels of IP3KA 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 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms ITPKA; inositol-trisphosphate 3-kinase A; Inositol 1; 4,5-trisphosphate 3-kinase A; Inositol 1,4,5-trisphosphate 3-kinase A; Inositol 1,4,5-trisphosphate 1,2,2,2,2,2,3,3,3,4,3,3,4,3,4,3,4,3,4,3,4		
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	Background	messenger inositol 1,4,5-trisphosphate to Ins(1,3,4,5)P4. The activity of the inositol 1,4,5-trisphosphate 3-kinase is responsible for regulating the levels of a large number of inositol polyphosphates that are important in cellular signaling. Both calcium/calmodulin and protein phosphorylation mechanisms control its activity. It is also a substrate for the cyclic AMP-dependent protein kinase, calcium/calmodulin- dependent protein kinase II, and protein kinase C in



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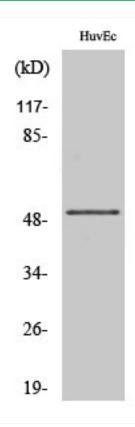
matters needing attention

Avoid repeated freezing and thawing!

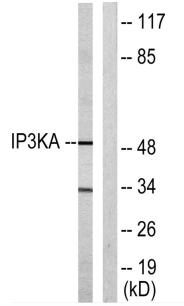
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using IP3KA Polyclonal Antibody



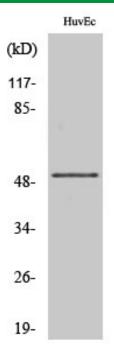
Western blot analysis of lysates from HUVEC cells, using IP3KA Antibody. The lane on the right is blocked with the synthesized peptide.



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Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 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).