

**Manufacturer/Supplier:**

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**Product name:** Rabbit anti-PIP4K2 alpha Antibody

**Catalog:** DL98200A

**Synonyms:** PIP5K2; PIP5K2A; Phosphatidylinositol  
5-phosphate 4-kinase type-2 alpha;  
1-phosphatidylinositol 5-phosphate 4-kinase  
2-alpha; Diphosphoinositide kinase 2-alpha;  
PIP5KIII; Phosphatidylinositol 5-phosphate  
4-kinase type II alpha; PI(5)P 4-kinase type II alp

**Immunogen:** Recombinant full length protein of human PIP4K2  
alpha

**Form:** Liquid

**Concentration:** 1mg/mL

**Size:** 100 ul/50 ul

**Host:** Rabbit

**Reactivity:** Human, Mouse, Rat

**Application:** WB, IHC, IF/IC

**Clonality:** Polyclonal

**Dilution:** WB (1/500 - 1/2000),  
IHC (1/50 - 1/200), IF/IC (1/50 -  
1/200)

**Entrez Gene:** 5305/18718/116723

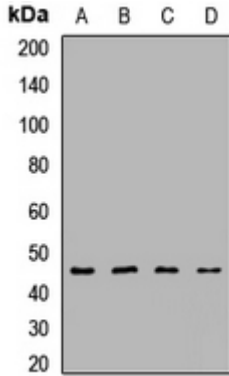
**SwissProt:** P48426/O70172/Q9R0I8

**Purification:** The antibody was purified by immunogen affinity chromatography.

**Buffer:** Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

**WB description:**

Western blot analysis of PIP4K2 alpha expression in Jurkat (A), MCF7 (B), mouse brain (C), rat brain (D) whole cell lysates.

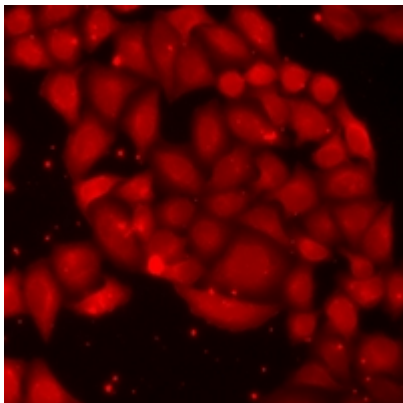


### IHC description:

Immunohistochemical analysis of PIP4K2 alpha staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

### IF/ICC description:

Immunofluorescent analysis of PIP4K2 alpha staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary an



**Storage:**

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