

Datasheet for ABIN544195

anti-PIP4K2C antibody (C-Term)[2 Images](#)[3 Publications](#)[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	PIP4K2C
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIP4K2C antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of PIP4K2C.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human PIP4K2C.
Cross-Reactivity:	Human

Target Details

Target:	PIP4K2C
Alternative Name:	PIP4K2C / PIP5K2C (PIP4K2C Products)
Gene ID:	79837
Pathways:	Inositol Metabolic Process

Application Details

Application Notes: Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-100)
Western Blot (1:1000)
The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In PBS (0.09 % sodium azide)

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

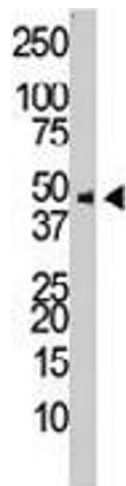
Storage Comment: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in: Cantrell: "Phosphoinositide 3-kinase signalling pathways." in: **Journal of cell science**, Vol. 114, Issue Pt 8, pp. 1439-45, (2001) ([PubMed](#)).

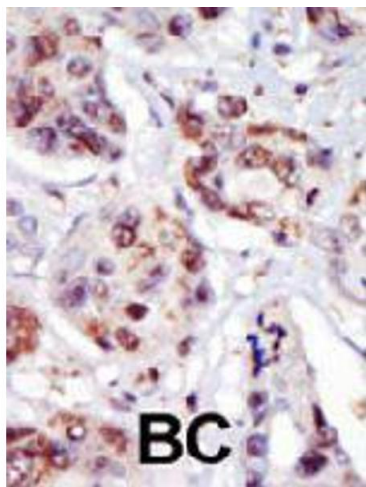
Blume-Jensen, Hunter: "Oncogenic kinase signalling." in: **Nature**, Vol. 411, Issue 6835, pp. 355-65, (2001) ([PubMed](#)).

Jhiang: "The RET proto-oncogene in human cancers." in: **Oncogene**, Vol. 19, Issue 49, pp. 5590-7, (2000) ([PubMed](#)).



Western Blotting

Image 1. Western blot analysis of PIP4K2C polyclonal antibody in mouse brain tissue lysate. PIP4K2C (arrow) was detected using purified polyclonal antibody. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.



Immunohistochemistry

Image 2. Formalin-fixed and paraffin-embedded human cancer tissue reacted with PIP4K2C polyclonal antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma.