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Datasheet for ABIN545098
anti-PP5 antibody (C-Term)

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Overview

Quantity:	400 µL
Target:	PP5 (PPP5C)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PP5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of PPP5C.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human PPP5C.
Cross-Reactivity:	Human

Target Details

Target:	PP5 (PPP5C)
Alternative Name:	PPP5C (PPP5C Products)
Gene ID:	5536

Application Details

Application Notes: ELISA (1:1000)
Western Blot (1:100-500)
Immunohistochemistry (1:50-100)
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

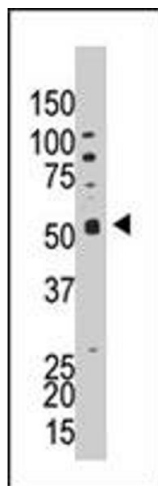
Storage Comment: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in: Yang, Roe, Cliff, Williams, Ladbury, Cohen, Barford: "Molecular basis for TPR domain-mediated regulation of protein phosphatase 5." in: **The EMBO journal**, Vol. 24, Issue 1, pp. 1-10, (2005) ([PubMed](#)).

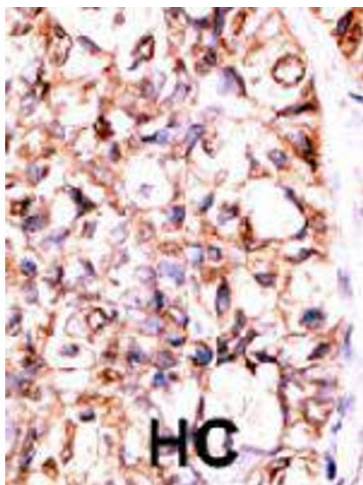
Huang, Shu, Easton, Harwood, Germain, Ichijo, Houghton: "Inhibition of mammalian target of rapamycin activates apoptosis signal-regulating kinase 1 signaling by suppressing protein phosphatase 5 activity." in: **The Journal of biological chemistry**, Vol. 279, Issue 35, pp. 36490-6, (2004) ([PubMed](#)).

Zhou, Golden, Aragon, Honkanen: "Ser/Thr protein phosphatase 5 inactivates hypoxia-induced activation of an apoptosis signal-regulating kinase 1/MKK-4/JNK signaling cascade." in: **The Journal of biological chemistry**, Vol. 279, Issue 45, pp. 46595-605, (2004) ([PubMed](#)).



Western Blotting

Image 1. The PPP5C polyclonal antibody is used in Western blot to detect PPP5C in HL-60 cell lysate.



Immunohistochemistry

Image 2. Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with PPP5C 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.