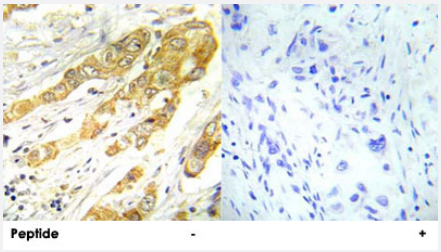
ERK1/2 polyclonal antibody

Catalog # PAB16985 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ERK1/2 polyclonal antibody (Cat # PAB16985).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ERK1/2.
Immunogen	A synthetic peptide corresponding to residues surrounding T202/Y204 of human ERK1/2.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody detects endogenous levels of total ERK1/2 protein.
Form	Liquid
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:100) ELISA (1:20000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM PBS, 0.15 M NaCl, pH 7.2 (0.01% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ERK1/2 polyclonal antibody (Cat # PAB16985).

- Enzyme-linked Immunoabsorbent Assay

- Western Blot

Publication Reference

- Oncogenic Ras expression increases cytoplasmic distribution and phosphorylation of CSE1L in B16F10 melanoma cells.

  Wu PR, Yeh CM, Chang CC, Huang HY, Wang KC, Shih HJ, Lee IY, Jiang MC, Lin YM.

  International Journal of Clinical and Experimental Pathology 2016 Oct; 9(10):9889.

  Application: WB, Mouse, B16F10 melanoma cells

- Differential regulation of MAP kinase signalling by dual-specificity protein phosphatases.

  Owens DM, Keyse SM.

  Oncogene 2007 May; 26(22):3203.

- Targeting the Raf-MEK-ERK mitogen-activated protein kinase cascade for the treatment of cancer.

  Roberts PJ, Der CJ.

  Oncogene 2007 May; 26(22):3291.

  Application: WB-Tr, Human, Mammalian cells

- Identification of regulatory phosphorylation sites in mitogen-activated protein kinase (MAPK)-activated protein kinase-1a/p90rsk that are inducible by MAPK.

  Dalby KN, Morrice N, Caudwell FB, Avruch J, Cohen P.

  The Journal of Biological Chemistry 1998 Jan; 273(3):1496.

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