

Anti- ERK1/2 Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A302737-01	50µl
A302737-02	100µl

Specificity	Anti- ERK1/2 (Human Mouse Rat)
Source	Rabbit Polyclonal
Application	WB ELISA IHC
Form	Liquid, 1 mg/ml

Background Information

Swiss-Prot No.: P27361

Other Names: EC 2.7.11.24, Extracellular signal-regulated kinase 1, ERK-1, Insulin-stimulated MAP2 kinase, MAP kinase 1, MAPK 1, p44-ERK1, ERT2, p44-MAPK, Microtubule-associated protein 2 kinase

Specificity and Sensitivity

ERK1/2 antibody detects endogenous levels of total ERK1/2 protein.

Source and Purification

The antiserum was produced against synthesized peptide derived from human ERK1/2.

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 IHC: 1:50~1:100
ELISA: 1:10000

Storage Buffer

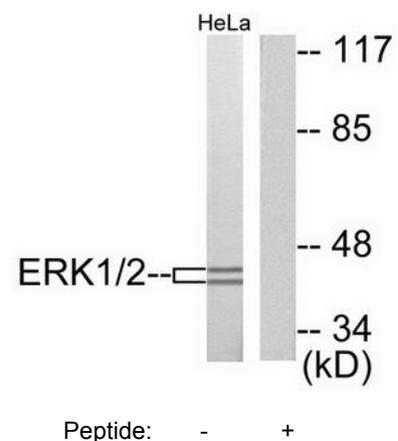
Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

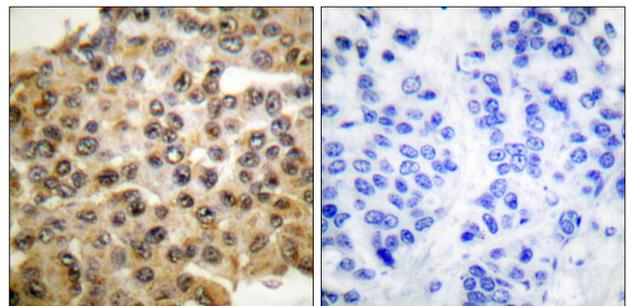
Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid

repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



Western blot analysis of extracts from HeLa cells, using ERK1/2 antibody



Peptide: - +
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using ERK1/2 antibody