



ELK Biotechnology

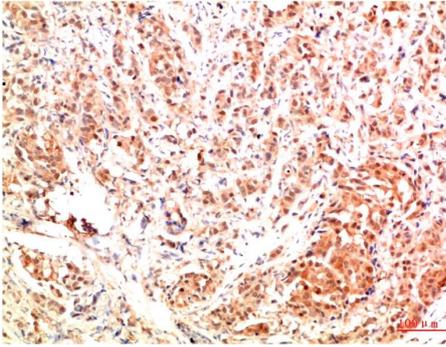
ERK1 Rabbit pAb

Catalog NO.: EA361

For research use only.

Overview

Product name	ERK1 Rabbit polyclonal antibody
Source	Rabbit
Applications	IHC
Species reactivity	Human, Mouse, Rat
Recommended dilutions	Immunohistochemistry:1/200-500 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Recombinant Protein
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	44kDa
GeneID (Human)	5594
Human Swiss-Prot No.	P27361
Cellular localization	Nucleus
Alternative Names	MAPK, Mitogen-activated protein Kinase, PRKM2, MK01
Background	Mitogen-activated protein kinases (MAPKs) are a widely conserved family of serine/threonine protein kinases involved in many cellular programs such as cell proliferation, differentiation, motility, and death. The p44/42 MAPK (Erk1/2) signaling pathway can be activated in response to a diverse range of extracellular stimuli including mitogens, growth factors, and cytokines and is an important target in the diagnosis and treatment of cancer.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using ERK1 (EA361) Rabbit pAb diluted at 1:500