

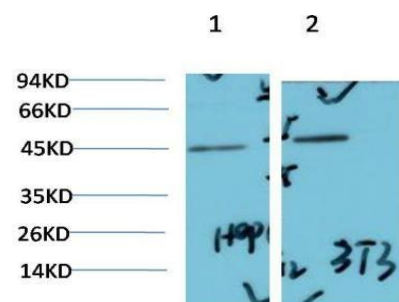
ERK1/2 Rabbit Polyclonal Antibody

OPR331

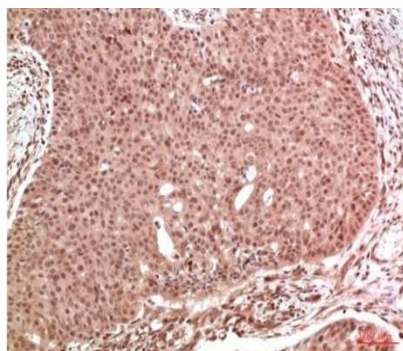
Reactivity	H,M,R	Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.Store at -20°C. Avoid repeated freeze-thaw cycles.
Source	Rabbit	Applications	WB;IHC
Isotype	IgG	Concentration	1mg/mL

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western blot analysis of 1) HepG2 Cell Lysate, 2) 3T3 Cell Lysate using ERK1/2 Rabbit Polyclonal Antibody diluted at 1:2000



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using ERK1/2 Rabbit Polyclonal Antibody diluted at 1:100

Immunogen Information

Immunogen	Recombinant Protein
Swiss-Prot Number	P27361/P28482
Synonyms	MAPK, Mitogen-activated protein Kinase, PRKM2, MK01

Product Information

Dilution	Western Blot: 1/1000-2000, IHC: 1/50-100
Observed MW	44,42kDa

Other applications have not been tested. Optimal dilutions/concentrations should be determined by the end user.

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.

Research Use

For research use only, not for use in diagnostic procedures.

Legend

Applications:WB-Western Blot; IHC-Immunohistochemistry; IF-Immunofluorescence; IP-Immunoprecipitation; FC-Flow cytometry; ChIP-Chromatin Immunoprecipitation

Reactivity: H-Human; R-Rat; M-Mouse; Mk-Monkey; Dg-Dog; Ch-Chicken; Hm-Hamster; Rb-Rabbit; Sh- Sheep; Pg-Pig; Z-Zebrafish; X-Xenopus; C-Cow; Bv- Bovine; Ov-Ovine; B-Globfish; Ct- Cat.

Please contact Origin Diagnostics and Research for further assistance

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