Anti-ERK 1/2 antibody (300-380 C-Term) (STJ92990)

STJ92990

GENERAL INFORMATION

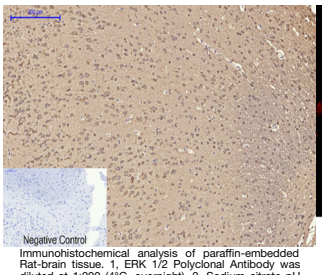
Product Type Primary antibodies
Short Description Rabbit polyclonal antibody anti-Mitogen-activated protein kinase 3 and Mitogen-activated protein kinase 1 (300-380 C-Term) is suitable for use in Immunofluorescence, Immunocytochemistry, Western Blot, Immunohistochemistry and ELISA research applicati
Applications IF, ICC, WB, IHC-P, ELISA
Host/Source Rabbit
Reactivity Human, Mouse, Rat

PRODUCT PROPERTIES

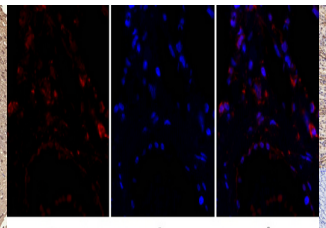
Clonality Polyclonal
Clone ID
Concentration 1 mg/mL
Conjugation Unconjugated
Purification The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
Dilution Range IF 1:50-200
WB 1:500-1:2000
IHC 1:100-1:300
ELISA 1:10000
Formulation PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype IgG
Storage Instruction Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

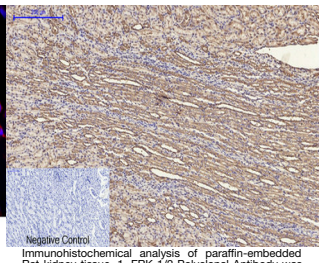
Gene ID 5595
5594
Gene Symbol MAPK3
MAPK1
Uniprot ID MK03_HUMAN
MK01_HUMAN
Immunogen The antiserum was produced against synthesized peptide derived from human p44/42 MAPK at amino acid range 330-379
Immunogen Region 300-380 C-Term
Specificity ERK 1/2 polyclonal antibody (Mitogen-activated protein kinase 3 and Mitogen-activated protein kinase 1) binds to endogenous Mitogen-activated protein kinase 3 and Mitogen-activated protein kinase 1 at the amino acid region 300-380 C-Term.
Immunogen Sequence



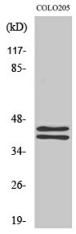
Immunohistochemical analysis of paraffin-embedded Rat-brain tissue. 1, ERK 1/2 Polyclonal Antibody was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room tempeRature, 30min). Negative control was used by secondary antibody only.



Immunofluorescence analysis of human-lung tissue. 1, ERK 1/2 Polyclonal Antibody (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300 (room temperature, 50min).3, Picture B: DAPI (blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



Immunohistochemical analysis of paraffin-embedded Rat-kidney tissue. 1, ERK 1/2 Polyclonal Antibody was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room tempeRature, 30min). Negative control was used by secondary antibody only.



Western blot analysis of COLO205 cells using ERK 1/2 Polyclonal Antibody diluted at 1：2000

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