

Anti-MAPK1 antibody (200-300) [S8MR] (STJ11101738)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

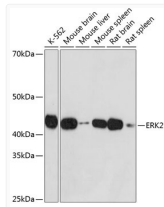
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 41kDa Observed Mw: 41kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

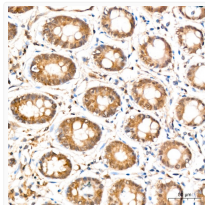
Gene ID	5594
Gene Symbol	MAPK1
UniProt ID	MK01_HUMAN
Immunogen Region	200-300
Immunogen Sequence	FLTEYVATRWYRAPEIMLNS KGYTKSIDIWSVGCILAEML SNRPFPFGKHYLDQLNHILG ILGSPSQEDLNCIINMKARN YLQSLPSKTKVAWAKLFPKS D/LNSKGYTKSIDIWSVGCILAEMLSNRPFPFGKHYLDQL NHILGILGSPSQEDLNCIIN LKARNYLLSLPHKNKVPWNR LFPNADSKALDLLDKMLTFN PHK
Specificity	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human ERK2/ERK1/2 (P27361/P28482).

ADDITIONAL INFORMATION

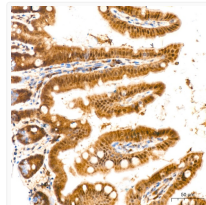
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



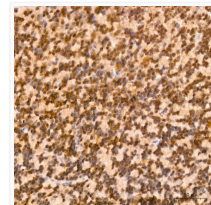
Western blot analysis of extracts of various cell lines, using ERK2 antibody (STJ11101738) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Immunohistochemistry analysis of ERK2 in paraffin-embedded human colon tissue using ERK2 rabbit monoclonal antibody (STJ11101738) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of ERK2 in paraffin-embedded mouse intestine tissue using ERK2 rabbit monoclonal antibody (STJ11101738) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of ERK2 in paraffin-embedded rat brain tissue using ERK2 rabbit monoclonal antibody (STJ11101738) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.