Anti-Phospho-MAPK1/MAPK3-T202/Y204 & T185/Y187 antibody (STJ110835)

STJ110835

GENERAL INFORMATION

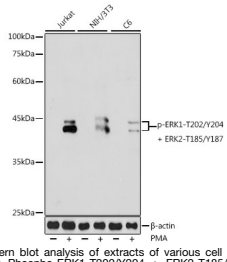
Product Type Primary antibodies
Short Description Rabbit polyclonal antibody anti-Phospho-MAPK1/MAPK3-T202/Y204 & T185/Y187 is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and Immunoprecipitation.
Applications WB, IHC, IF, IP
Host/Source Rabbit
Reactivity Human, Mouse, Rat

PRODUCT PROPERTIES

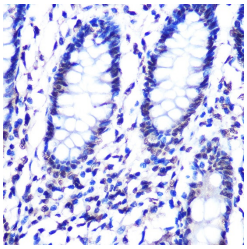
Clonality Polyclonal
Clone ID
Concentration
Conjugation Unconjugated
Purification Affinity purification
Dilution Range WB 1:500-1:2000
IHC 1:50-1:100
IF 1:50-1:200
IP 1:50-1:100
Formulation PBS containing 0.02% Sodium Azide, 50% Glycerol, pH7.3.
Isotype IgG
Storage Instruction Store in a freezer at-20°C and avoid freeze-thaw cycles.

TARGET INFORMATION

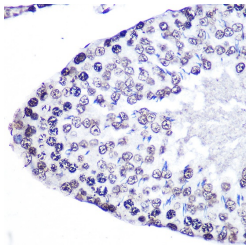
Gene ID 5594
5595
Gene Symbol MAPK1
MAPK3
Uniprot ID MK01_HUMAN
MK03_HUMAN
Immunogen A synthetic phosphorylated peptide around T185/Y187 of human ERK2 (NP_002736.3).
Immunogen Region
Specificity
Immunogen Sequence



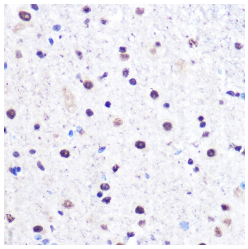
Western blot analysis of extracts of various cell lines, using Phospho-ERK1-T202/Y204 + ERK2-T185/Y187 antibody (STJ110835) at 1:1000 dilution. Jurkat cells and NIH/3T3 cells and C6 cells were treated by PMA/TPA (200 nM) at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.



Immunohistochemistry of paraffin-embedded human colon using Phospho-ERK1-T202/Y204 + ERK2-T185/Y187 rabbit polyclonal antibody (STJ110835) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9. 0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry of paraffin-embedded rat testis using Phospho-ERK1-T202/Y204 + ERK2-T185/Y187 rabbit polyclonal antibody (STJ110835) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9. 0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry of paraffin-embedded mouse spinal cord using Phospho-ERK1-T202/Y204 + ERK2-T185/Y187 rabbit polyclonal antibody (STJ110835) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9. 0 before commencing with immunohistochemistry staining protocol.

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