

ERK2 & 1 protein

CatalogNo: YD0027

| Key Features

Reactivity

- Human

| Storage

Storage* -20°C/6 month, -80°C for long storage

Formulation Liquid in PBS

| Recommended Dilution Ratios

| Basic Information

Source E.coli

Purification E.coli

Purity SDS-PAGE >90%

| Immunogen Information

Sequence Amino acid: 146-210, with his-MBP tag.

| Target Information

Gene name MAPK1/MAPK3

Protein Name

ERK2 & 1 protein

Organism

Human

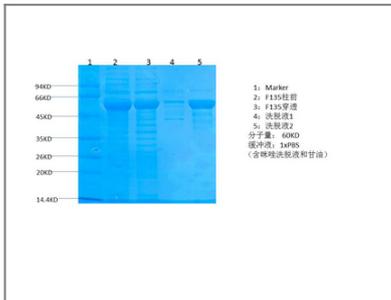
Gene ID[5594](#); [5595](#);**UniProt ID**[P27361](#); [P28482](#);**Cellular Localization**

Cytoplasm . Nucleus. Membrane, caveola . Cell junction, focal adhesion . Autophosphorylation at Thr-207 promotes nuclear localization (PubMed:19060905). PEA15-binding redirects the biological outcome of MAPK3 kinase-signaling by sequestering MAPK3 into the cytoplasm (By similarity). .

Function

protein amino acid phosphorylation, phosphorus metabolic process, phosphate metabolic process, cell cycle, intracellular signaling cascade, small GTPase mediated signal transduction, Ras protein signal transduction, phosphorylation,

Validation Data



Contact information

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ERK2 & 1 protein

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