

ERK2 & 1 protein

CatalogNo: YD0027

| Key Features

| 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

Gene ID

UniProt ID

Human

[5594](#); [5595](#);

[P27361](#); [P28482](#);

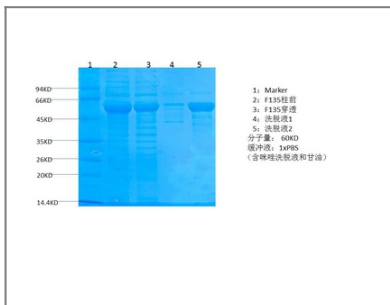
Cellular Localization

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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