

## ERK2 & 1 protein

CatalogNo: YD0026

### | Key Features

#### Reactivity

- Human

#### Applications

- WB,SDS-PAGE

### | Storage

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

**Formulation** Liquid in PBS

### | Recommended Dilution Ratios

WB 1:500-2000

### | Basic Information

**Source** E.coli

**Purification** E.coli

**Purity** SDS-PAGE >90%

### | Immunogen Information

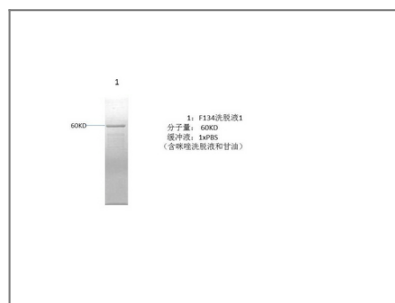
**Sequence** Amino acid: 12-84, with his-MBP tag.

### | Target Information

**Gene name** MAPK1/MAPK3

<b>Protein Name</b>	ERK2 & 1 protein		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">5594</a> ; <a href="#">5595</a> ;	<a href="#">P27361</a> ; <a href="#">P28482</a> ;
<b>Cellular Localization</b>	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). .		
<b>Function</b>	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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