

Recombinant ERK1/2 Monoclonal Antibody

catalog number: **AN300857L**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

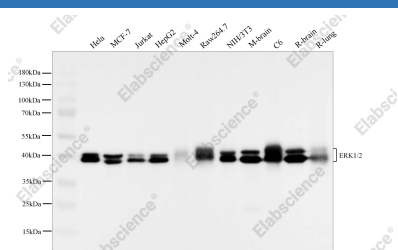
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human ERK1/2 protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110481
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

IHC	1:2000-1:10000
WB	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000
IP	1:50-1:200

Data



Western blot analysis of

HeLa,MCF-7,Jurkat,HepG2,Molt-4,Raw264.7,NIH/3T3,Mo use brain,C6,Rat brain and Rat lung cell lysates using ERK1/2 Antibody (AN300857L) at a dilution of 1:3000.

Observed-MW:43 kDa,41 kDa

Calculated-MW:43 kDa,41 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

The protein encoded by this gene is a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act in a signaling cascade that regulates various cellular processes such as proliferation, differentiation, and cell cycle progression in response to a variety of extracellular signals. This kinase is activated by upstream kinases, resulting in its translocation to the nucleus where it phosphorylates nuclear targets. Alternatively spliced transcript variants encoding different protein isoforms have been described.

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