



CAB357Mi01
Anti-Extracellular Signal Regulated Kinase 1 (ERK1) Polyclonal Antibody
Instruction manual

FOR RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific Affinity Chromatography

Traits: Liquid

Concentration: 0.3mg/mL

UOM: 100µg(335µl)

Applications: Loading Control of WB.

[IMMUNOGEN]

Immunogen: Recombinant ERK1 (Pro75~Thr312) expressed in *E.coli*.

Accession No.: RPB357Hu01

[ORGANISM SPECIES MORE]

React with: Human, mouse ,rat, cavia, porcine, equine, ovine;

Other species have not been detected.

[APPLICATIONS]

Western blotting: 1:150-600

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were

observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

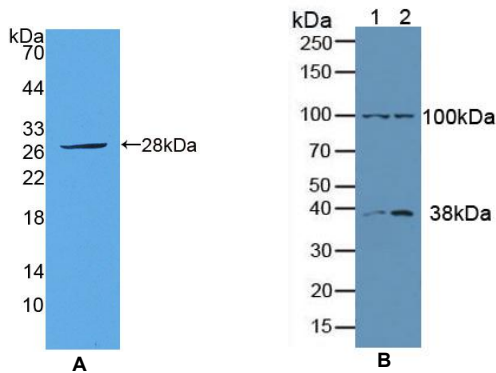


Figure 1. Western Blot

A. Sample: Recombinant ERK1, Human

B. Lane1: Human A549 Cells

Lane2: Human Lung Tissue

**Primary Ab: 1:300 Dilution of Mouse Anti-Human ERK1
Ab**

Second Ab: 1:5000 Dilution of HRP-Linked Rabbit

Anti-Mouse IgG Ab (Catalog: SAA544Mu09)

[Important Note]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.