

Datasheet for ABIN1980461  
**anti-MAPK7 antibody (AA 560-793)**[Go to Product page](#)

## 3 Images

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | MAPK7  |
| Binding Specificity: | AA 560-793   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This MAPK7 antibody is un-conjugated   |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC) |

## Product Details

|               |  |
|---------------|--|
| Immunogen:    | MAPK7 (Val560-Glu793)  |
| Isotype:      | IgG  |
| Specificity:  | The antibody is a rabbit polyclonal antibody raised against MAPK7. It has been selected for its ability to recognize MAPK7 in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography   |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | MAPK7  |
| Alternative Name: | Mitogen Activated Protein Kinase 7 (MAPK7) ( <a href="#">MAPK7 Products</a> )            |
| Background:       | Alternative Names: BMK1, ERK4, ERK5, PRKM7, Extracellular-Signal-Regulated Kinase 5, Big |

## Target Details

MAP kinase 1

Pathways: [MAPK Signaling](#), [Neurotrophin Signaling Pathway](#), [Activation of Innate immune Response](#), [cAMP Metabolic Process](#), [Toll-Like Receptors Cascades](#), [Negative Regulation of intrinsic apoptotic Signaling](#)

## Application Details

Application Notes: 

- Western blotting: 1:50-400 Immunocytochemistry in formalin fixed cells: 1:50-500 Immunohistochemistry in formalin fixed frozen section: 1:50-500 Immunohistochemistry in paraffin section: 1:10-100 Enzyme-linked Immunosorbent Assay: 1:100-1:5000 Optimal working dilutions must be determined by end user.

Comment: 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.

Restrictions: For Research Use only

## Handling

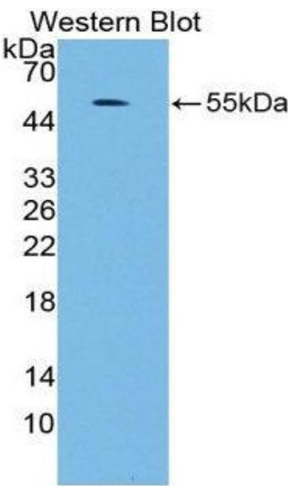
Format: Liquid

Concentration: Lot specific

Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.

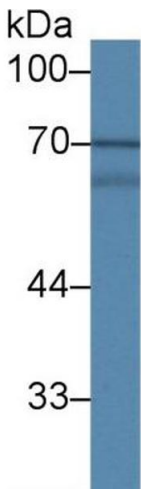
Handling Advice: Avoid repeated freeze-thaw cycles.

Expiry Date: 12 months



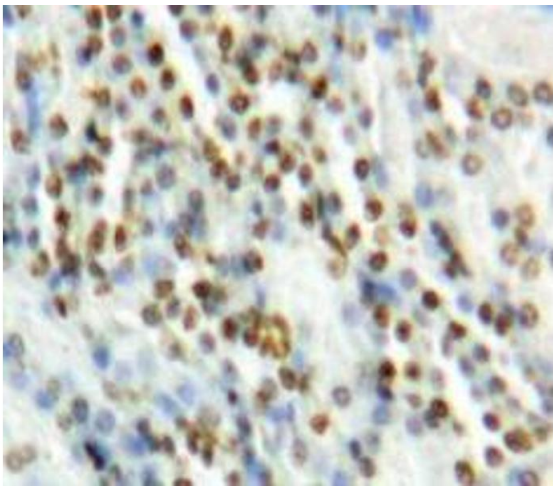
Western Blotting

Image 1.



Western Blotting

**Image 2.** Western Blot; Sample: Porcine Colon lysate; Primary Ab: 1µg/ml Rabbit Anti-Human MAPK7 Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



Immunohistochemistry

**Image 3.** Used in DAB staining on formalin fixed paraffin-embedded Kidney tissue