

## CASP7 Polyclonal Antibody

catalog number: **E-AB-30758**

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

### Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Synthesized peptide derived from the N-terminal region of human Caspase-7.
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol.

### Applications

Applications	Recommended Dilution
<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:100-1:300
<b>ICC</b>	1:200-1:1000

### Data



Western Blot analysis of HT29 cells using CASP7 Polyclonal  
Antibody at dilution of 1:1000.

**Observed-MW:35 kDa**

**Calculated-MW:34 kDa**

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

Involved in the activation cascade of caspases responsible for apoptosis execution. Cleaves and activates sterol regulatory element binding proteins (SREBPs). Proteolytically cleaves poly(ADP-ribose) polymerase (PARP) at a '216-Asp-Gly-217' bond. Overexpression promotes programmed cell death.

### For Research Use Only