

Datasheet for ABIN358091

anti-Caspase 6 antibody (pSer257)**2** Images[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	Caspase 6 (CASP6)
Binding Specificity:	pSer257
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S257 of human caspase 6.
Isotype:	Ig Fraction
Specificity:	This antibody detects Caspase-6 pSer257. Predicted to cross react with Mouse (100 % Antigen Homology).
Purification:	Protein G Affinity Chromatography. Then, the antibody fraction is peptide affinity purified in a 2-step procedure with control and phosphorylated peptides. The phospho-specific antibody is eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	Caspase 6 (CASP6)
Alternative Name:	Caspase-6 (CASP6 Products)
Background:	Caspase 6 is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce 2 subunits, large and small, that dimerize to form the active enzyme. This protein could be processed by caspases 7, 8 and 10, and is thought to function as a downstream enzyme in the caspase activation cascade. Synonyms: Apoptotic protease Mch-2, CASP-6, CASP6, MCH-2, MCH2
Molecular Weight:	33310 Da
Gene ID:	839, 9606
UniProt:	P55212
Pathways:	Apoptosis, Caspase Cascade in Apoptosis

Application Details

Application Notes:	ELISA: 1/1,000. Western Blot: 1/100-1/500. Immunohistochemistry: 1/50-1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

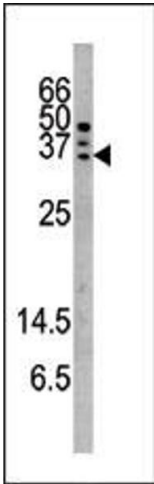


Image 1.

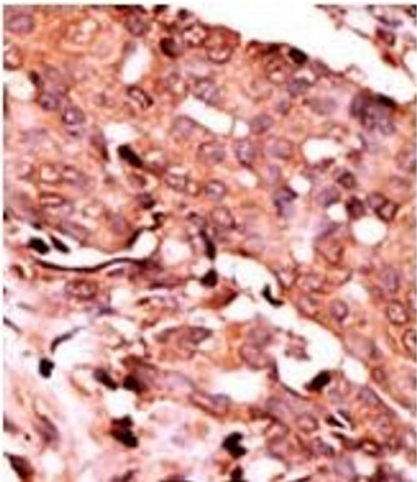


Image 2.