

Datasheet for ABIN1531214
anti-Caspase 6 antibody (pSer257)



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3 Images

Overview

Quantity:	100 µL
Target:	Caspase 6 (CASP6)
Binding Specificity:	AA 223-272, pSer257
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Caspase 6 around the phosphorylation site of Ser257.
Isotype:	IgG
Specificity:	Caspase 6 (Phospho-Ser257) Antibody detects endogenous levels of Caspase 6 only when phosphorylated at Ser257. PhosphorylationH:S257 M:S239 R:S240
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

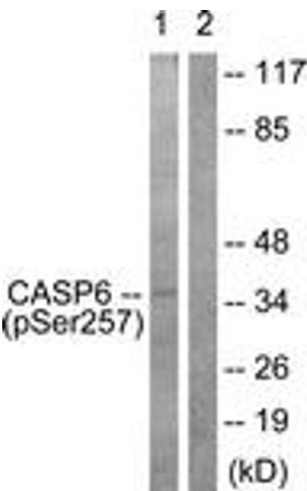
Target:	Caspase 6 (CASP6)
Alternative Name:	Caspase 6 (CASP6 Products)
Background:	Synonyms: ICE6, MCH2, apoptotic protease Mch-2, caspase-6 NCBI Gene Symbol: CASP6
Molecular Weight:	33 kDa
Gene ID:	839
OMIM:	601532
UniProt:	P55212
Pathways:	Apoptosis , Caspase Cascade in Apoptosis

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:1000
Comment:	Unigene-Number: Hs.654616 (NCBI Gene Symbol: CASP6)
Restrictions:	For Research Use only

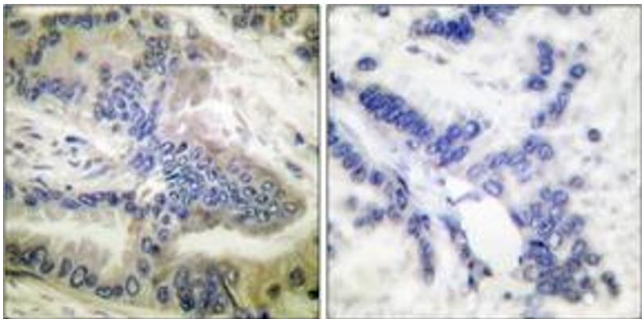
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



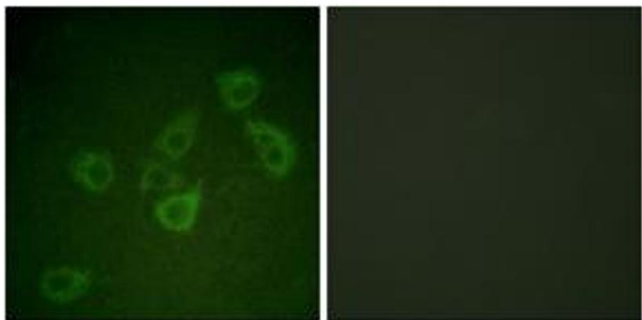
Western Blotting

Image 1. Western blot analysis of extracts from 293 cells treated with Etoposide 25uM 60', using Caspase 6 (Phospho-Ser257) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human colon carcinoma, using Caspase 6 (Phospho-Ser257) Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 3. Immunofluorescence analysis of HuvEc cells, using Caspase 6 (Phospho-Ser257) Antibody. The picture on the right is treated with the synthesized peptide.