

Datasheet for ABIN1536082

anti-Caspase 6 antibody (Cleaved-Asp162)[Go to Product page](#)**2** Images**1** Publication

Overview

Quantity:	100 µL
Target:	Caspase 6 (CASP6)
Binding Specificity:	AA 130-179, Cleaved-Asp162
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Caspase 6.
Isotype:	IgG
Specificity:	Caspase 6 (Cleaved-Asp162) Antibody detects endogenous levels of fragment of activated Caspase 6 resulting from cleavage adjacent to Asp162.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	Caspase 6 (CASP6)
Alternative Name:	Caspase 6 (CASP6 Products)

Target Details

Background:	Synonyms: ICE6, MCH2, apoptotic protease Mch-2, caspase-6 NCBI Gene Symbol: CASP6
Molecular Weight:	20 and 35 kDa
Gene ID:	839
OMIM:	601532
UniProt:	P55212
Pathways:	Apoptosis, Caspase Cascade in Apoptosis

Application Details

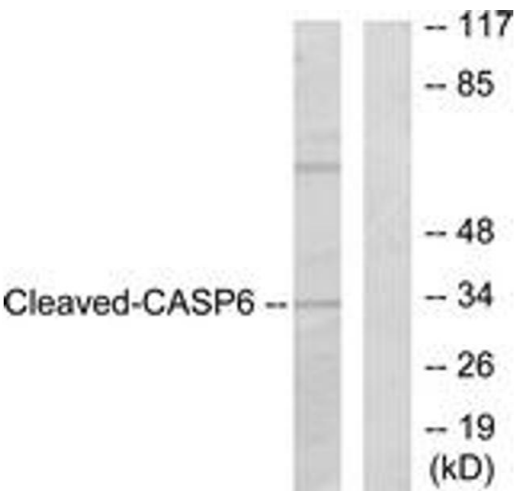
Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:40000
Comment:	Unigene-Number: Hs.654616 (NCBI Gene Symbol: CASP6)
Restrictions:	For Research Use only

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

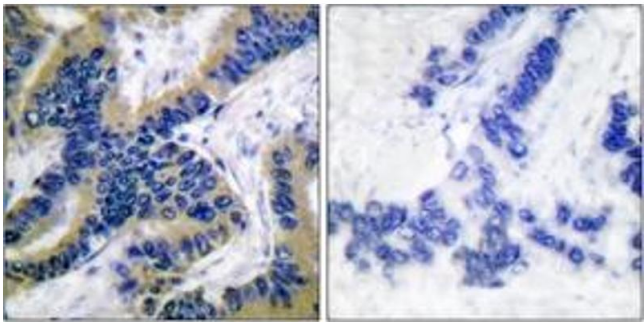
Publications

Product cited in:	Yashiro, Qiu, Hasegawa, Zhang, Matsuzaki, Hirakawa: "An EGFR inhibitor enhances the efficacy of SN38, an active metabolite of irinotecan, in SN38-refractory gastric carcinoma cells." in: British journal of cancer , (2011) (PubMed).
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Western Blotting

Image 1. Western blot analysis of extracts from 293 cells, treated with Etoposide 25uM 60', using Caspase 6 (Cleaved-Asp162) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using Caspase 6 (Cleaved-Asp162) Antibody. The picture on the right is treated with the synthesized peptide.