

Product datasheet

Anti-Caspase-7 antibody ab52297

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概述

产品名称	Anti-Caspase-7抗体
描述	兔多克隆抗体to Caspase-7
宿主	Rabbit
特异性	ab52297 detects endogenous levels of fragment of activated Caspase-7 resulting from cleavage adjacent to Asp198.
经测试应用	适用于: IHC-P, ELISA
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide corresponding to Human Caspase-7. Database link: P55210
阳性对照	Human lung carcinoma tissue.
常规说明	ab52297 is Cleaved at Asp198

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg ²⁺ and Ca ²⁺), 150mM Sodium chloride, pH 7.4
纯度	Protein A purified
纯化说明	ab52297 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab52297** in the following tested applications.

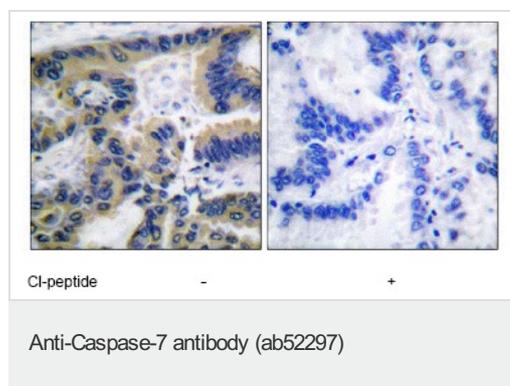
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
IHC-P	★★★★☆	Use at an assay dependent concentration.
ELISA		1/40000.

靶标

功能	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.
组织特异性	Highly expressed in lung, skeletal muscle, liver, kidney, spleen and heart, and moderately in testis. No expression in the brain.
序列相似性	Belongs to the peptidase C14A family.
翻译后修饰	Cleavages by granzyme B or caspase-10 generate the two active subunits. Propeptide domains can also be cleaved efficiently by caspase-3. Active heterodimers between the small subunit of caspase-7 and the large subunit of caspase-3, and vice versa, also occur.
细胞定位	Cytoplasm.

图片



ab52297 at 1:50 dilution staining Caspase-7 in human lung carcinoma by Immunohistochemistry, Paraffin embedded tissue, in the absence or presence of the immunising peptide.

ab52297 at 1/50 dilution staining Caspase 7 in human lung carcinoma by Immunohistochemistry, Paraffin embedded tissue, in the absence or presence of the immunising peptide.

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