



Rabbit Anti-Human CASP8 polyclonal antibody (CABT-L1707)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody may react with (Predicted by homology) : Bovine, Dog, Bovine
Target	CASP8
Immunogen	Synthetic peptide corresponding to N-terminus of human caspase-8 protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunoaffinity purified
Conjugate	Unconjugated
Applications	IHC-P
Molecular Weight	55 kDa
Cellular Localization	Cytoplasm
Positive Control	Breast Carcinoma, Stomach
Format	Liquid
Buffer	PBS, 1% BSA, pH 7.6
Preservative	< 0.1% Sodium Azide
Storage	2-8°C. Do not freeze. The user must validate any other storage conditions. When properly

stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.

BACKGROUND

Introduction

Caspase-8 binds to the death effector domain (DED) of FADD through an analogous DED domain present in tandem in the proform of the caspase-8 protein. Recruitment of caspase-8 to the Fas receptor results in oligomerization of the caspase-8 protein, which in turn drives its autoactivation through "self-cleavage". Activated caspase-8 then activates other downstream caspases including caspase-9, thereby committing the cell to undergo apoptosis. This antibody also detects the processed forms (42/44kDa, 25kDa, and 14kDa) of caspase-8.

Keywords

CASP8;caspase 8, apoptosis-related cysteine peptidase;caspase 8, apoptosis related cysteine protease;caspase-8;Casp 8;FLICE;MACH;MCH5;ALPS2B;Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 12 protein

GENE INFORMATION

Entrez Gene ID

[841](#)

UniProt ID

[Q14790](#)
