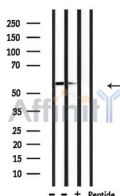


## Caspase 10 Ab

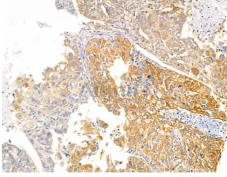
[References\(2\)](#) [Images\(5\)](#)

Cat.#: AF0122	Concn.: ~1mg/ml	Mol.Wt.: 60kDa
Size:	Source: Rabbit	Clonality: Polyclonal

Application:	WB 1:500-1:3000, IHC 1:50-1:200, IF/ICC: 1:100-1:500 *The optimal dilutions should be determined by the end user.
Reactivity:	Human, Mouse
Storage:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Immunogen:	A synthesized peptide derived from human Caspase 10, corresponding to a region within C-terminal amino acids.
Uniprot:	Q92851
Description:	Casp10 Involved in the activation cascade of caspases responsible for apoptosis execution. Recruited to both Fas- and TNFR-1 receptors in a FADD dependent manner. May participate in the granzyme B apoptotic pathways. Cleaves and activates caspase- 3, -4, -6, -7, -8, and -9. Hydrolyzes the small- molecule substrates, Tyr-Val-Ala-Asp- -AMC and Asp-Glu-Val-Asp- -AMC. Belongs to the peptidase C14A family. Heterotetramer that consists of two anti-parallel arranged heterodimers, each one formed by a 23/17 kDa (p23/17) (depending on the splicing events) and a 12 kDa (p12) subunit. Self-associates. Interacts with FADD and CASP8. Found in a Fas signaling complex consisting of FAS, FADD, CASP8 and CASP10. 6 isoforms of the human protein are produced by alternative splicing.



Western blot analysis of extracts from mouse brain and HepG2, using Caspase 10 Ab.



AF0122 at 1/100 staining Human liver cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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