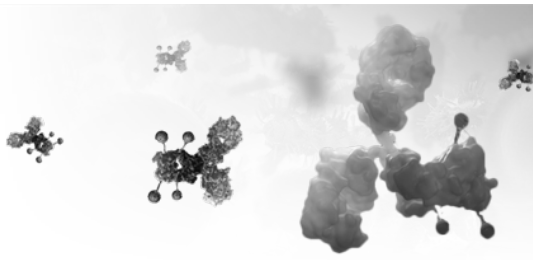

Rabbit Anti-CASP14 monoclonal antibody, clone KK090-12 (CABT-L835)

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

PRODUCT INFORMATION

Target	Caspase-14
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	KK090-12
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, IP, FC
Molecular Weight	28 kDa
Cellular Localization	Cytoplasm, Nucleus.
Positive Control	A431, MCF-7, HepG2, mouse skin tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

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Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	A unique family of cysteine proteases has been described that differs in sequence, structure and substrate specificity from any previously described protease family. This family, Ced-3/caspase-1, is composed of caspase-1, caspase-2, caspase-3, caspase-4, caspase-6 and caspase-7 (also designated Mch3, ICE-LAP3 or CMH-1), caspase-9, caspase-10, and caspase-14. Ced-3/caspase-1 family members function as key components of the apoptotic machinery and act to destroy specific target proteins which are critical to cellular longevity. Caspase-3, caspase-7 and caspase-9, but not caspase-1, have been shown to cleave the nuclear protein PARP into an apoptotic fragment. Caspase-14, also designated MICE (for mini-ICE), is highly expressed in embryonic tissues but appears to be absent from adult tissues. Procaspase-14 can be processed in vitro by caspase-8 and caspase-10 but not by other caspases.
Keywords	Apoptosis related cysteine protease;CASP 14;CASP-14;CASP14;Caspase 14 apoptosis related cysteine protease;Caspase 14 precursor;Caspase-14 subunit p10;Caspase14;CASPE_HUMAN;MGC119078;MGC119079;MICE;Mini ICE antibody

GENE INFORMATION

Entrez Gene ID	3727

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