

CAB19305

Product Information

Product SKU:	CAB19305	Gene ID:	837	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	43kDa	Conjugate:	-
Calculated MW:	43kDa	Isotype:	IgG

Immunogen Information

Background: This gene encodes a protein that is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes composed of a prodomain and a large and small protease subunit. Activation of caspases requires proteolytic processing at conserved internal aspartic residues to generate a heterodimeric enzyme consisting of the large and small subunits. This caspase is able to cleave and activate its own precursor protein, as well as caspase 1 precursor. When overexpressed, this gene induces cell apoptosis. Alternative splicing results in transcript variants encoding distinct isoforms.

Recommended Dilution: WB, 1:500 - 1:1000 IHC-P, 1:50 - 1:200

Synonyms: TX; Mih1; ICH-2; Mih1/TX; ICEREL-II; ICE(rel)II; Caspase-4

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 81-270 of human Caspase-4 (NP_001216.1).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.