

DNAxPAb

Hard-to-Find
Antibody

CASP4 DNAxPab

Catalog # H00000837-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CASP4 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAEGNHRKKPLKVLES LGKDFLTGVLDNLVEQNVLNWKEEEKKKYYDAKTEDKVRVMADSMQE KQRMAGQMLLQTFFNIDQISPNKKAHPNMEAGPPESGESTDALKLCPHEEFRLCKERAEEYPIK ERNNRTRLALIICNTEFDHLPPRNGADFDITGMKELLEGLDYSVDVEENLTARDMESALRAFATRP EHKSSDSTFLVLM SHGILEGICGTVHDEKKPDVLLYDTIFQIFNNRNCLSLKDKPKVIIVQACRGANR GELWVRDSPASLEVASSQSSSENLEEDAVYKTHVEKDFIAFCSSSTPHNVSWRDSTMGSIFITQLITC FQKYSWCCHLEEVFRKVQQS FETPRAKAQMPTIERLSMTRYFYLFPGN
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — CASP4

Entrez GeneID	837
GeneBank Accession#	NM_001225.3
Protein Accession#	NP_001216.1
Gene Name	CASP4
Gene Alias	ICE(rel)II, ICEREL-II, ICH-2, Mih1/TX, TX
Gene Description	caspase 4, apoptosis-related cysteine peptidase
Omim ID	602664
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	apoptotic cysteine protease Mih1/TX caspase 4 caspase 4, apoptosis-related cysteine protease

Disease

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