

DNAXPab

Hard-to-Find
Antibody

CASP8 DNAXPab

Catalog # H00000841-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human CASP8 DNA using DNAX™ Immune technology.

Technology [DNAX™ Immune](#)

Immunogen Full-length human DNA

Sequence MDFSRLYDIGEQLDSEDLASLKFLSLDYIPQRKQEPKDALMLFQRLQEKRMLEESNLSFLKELL
FRINRLDLLITYLNTRKEEMERELQTPGRAQISAYRVMYQISEEVSRSELRSFKFLLQEEISKCKLD
DDMNLLDIFIEMEKRVILGEGKLDILKRVCAQINKSLLKIINDYEEFSKERSSSLEGSPDEFSNGEEL
CGVMTISDSPREQDSESQTLDKVYQMKSKPRGYCLIINHNFAKAREKVPKLHSIRDRNGTHLDA
GALTTTFEELHFEIKPHDDCTVEQYEILKIYQLMDHSNMDCFICILSHGDKGIYGTGGQEAPIYELT
SQFTGLKCPSLAGKPKVFFIACQGDNYQKGIPVETDSEEQPYLEMDLSSPQTRYIPDEADFLLG
MATVNNCVSYRNPAEGTWYQSLCQSLRERCPRGDDILTILTEVNYEVSNKDDKKNMGKQMPQPT
FTLRKKLVFSPD

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 — CASP8

Entrez GeneID [841](#)

GeneBank Accession# [NM_033355.2](#)

Protein Accession# [NP_203519.1](#)

Gene Name CASP8

Gene Alias ALPS2B, CAP4, FLICE, FLJ17672, MACH, MCH5, MGC78473

Gene Description caspase 8, apoptosis-related cysteine peptidase

Omim ID [114480](#) [114550](#) [601763](#) [607271](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene encodes 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, a large protease subunit, and a 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 protein is involved in the programmed cell death induced by Fas and various apoptotic stimuli. The N-terminal FADD-like death effector domain of this protein suggests that it may interact with Fas-interacting protein FADD. This protein was detected in the insoluble fraction of the affected brain region from Huntington disease patients but not in those from normal controls, which implicated the role in neurodegenerative diseases. Many alternatively spliced transcript variants encoding different isoforms have been described, although not all variants have had their full-length sequences determined. [provided by RefSeq]

Other Designations

FADD-homologous ICE/CED-3-like protease|MACH-alpha-1/2/3 protein|MACH-beta-1/2/3/4 protein|Mch5 isoform alpha|OTTHUMP00000163718|OTTHUMP00000163719|OTTHUMP00000163720|caspase 8|caspase 8, apoptosis-related cysteine protease|cysteine protease|procaspase-8

Pathway

- [Apoptosis](#)
- [p53 signaling pathway](#)
- [Pathways in cancer](#)

- [Toll-like receptor signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Anthraxis](#)
- [Asthma](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchial Hyperreactivity](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Clubfoot](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Endometrial Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Gallbladder Neoplasms](#)
- [Gastrointestinal Stromal Tumors](#)
- [Genetic Predisposition to Disease](#)
- [Glioma](#)
- [Head and Neck Neoplasms](#)
- [Hematologic Diseases](#)

- [Hodgkin Disease](#)
- [Infertility](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Narcolepsy](#)
- [Neoplasm Invasiveness](#)
- [Neoplasm Metastasis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neovascularization](#)
- [Neuroma](#)
- [Occupational Diseases](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Prostate cancer](#)

- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Skin Neoplasms](#)
- [Small Cell Lung Carcinoma](#)
- [Urinary Bladder Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)