

DNAPAb

Hard-to-Find
Antibody

FUS DNAPAb

Catalog # H00002521-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human FUS DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MASNDYTQQATQSYGAYPTQPQQGYSQQSSQPYGQQSYSGYSQSTDTSGYGQSSYSSYGQSQN TGYGTSSTPQQYGSTGGYGSSQSSQSSYGQQSSYPGYGQQPAPSSSTSGSYGSSSQSSSYGQPQ SGSYSQQPSYGGQQQSYGQQQSYPNQGYGQQNQYNSSSGGGGGGGGGGNYGQDQSSMSSG GGSGGGYGNQDQSGGGGSGGYGQQDRGGRGRGGSGGGGGGGGGGYNRSSGGYEPGRGRGG RGRGRGMGGS DRGGFNKFGGPRDQGS RHDSEQD NSD NNTIFVQGLGENVTIESVADYFKQIGLIK TNKKTGQPMINLYTDRETGKLKGEATVSFDDPPSAKAIDWFDGKEFSGNPIKVSFATRRADFNR GGGNGRGGRRGGPMGRGGYGGGGSGGGGRGGFSGGGGGGGQQRAGDWKCPNPTCENM NFSWRNECNQCKAPKPDGPGGGPGGSHMGGNYGDDRRGGRRGGYDRGGYRGRGGDRGGFRG GRGGGDRGGFGPGKMDSRGEHRQDRRERPY
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 — FUS

Entrez GeneID [2521](#)

GeneBank Accession# [BC000402](#)

Protein Accession# [no protein_acc](#)

Gene Name FUS

Gene Alias CHOP, FUS-CHOP, FUS1, TLS, TLS/CHOP, hnRNP-P2

Gene Description fusion (involved in t(12;16) in malignant liposarcoma)

Omim ID [137070](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a multifunctional protein component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complex. The hnRNP complex is involved in pre-mRNA splicing and the export of fully processed mRNA to the cytoplasm. This protein belongs to the FET family of RNA-binding proteins which have been implicated in cellular processes that include regulation of gene expression, maintenance of genomic integrity and mRNA/microRNA processing. Alternative splicing results in multiple transcript variants. Defects in this gene result in amyotrophic lateral sclerosis type 6. [provided by RefSeq]

Other Designations FUS-CHOP fusion protein|FUS-CHOP protein fusion|Fusion gene in myxoid liposarcoma|fus-like protein|fus/tls-chop oncogene|heterogeneous nuclear ribonucleoprotein P2|translocated in liposarcoma

Disease

- [Amyotrophic Lateral Sclerosis](#)
- [Azoospermia](#)
- [Cognition Disorders](#)
- [Diabetes Mellitus](#)
- [Frontotemporal Dementia](#)

- [Frontotemporal Lobar Degeneration](#)
- [Genetic Predisposition to Disease](#)
- [Infertility](#)
- [Neoplasms](#)
- [Neuropsychological Tests](#)
- [Obesity](#)
- [Oligospermia](#)
- [Overweight](#)
- [Parkinsonian Disorders](#)
- [Prostate cancer](#)