

Product Datasheet

FUS / TLS Antibody

Catalog No: CY6589

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF FC



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Information

UniProt ID: P35637

All Names: FUS; ALS6; CHOP; FUS-CHOP; FUS1; Fused in sarcoma; HnRNPP2; Oncogene TLS; ETM4; Fus-like protein; Oncogene FUS; POMP75;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 70 kDa

Application

WB 1:500~1:2000

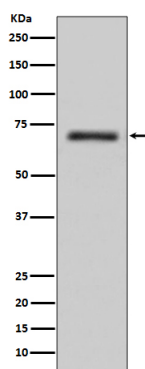
IHC 1:50~1:200

ICC/IF 1:50~1:200

FC 1:50

Background

FUS/TLS (fused in sarcoma/translocated in liposarcoma) was initially identified by investigators as a component of fusion proteins found in a variety of cancers such as myxoid liposarcoma, acute myeloid leukemia, and Ewing's tumor. FUS/TLS fusion with the DNA binding domain of transcription activators such as CHOP and ERG leads to aberrant transcription of target genes that is thought by researchers to lead to tumor development. FUS/TLS is involved in a wide range of RNA processing events such as pre-mRNA splicing, mRNA transcription, and miRNA processing. In addition to its role in RNA metabolism, FUS/TLS maintains genomic stability and co-regulates gene expression by interacting with various transcription factors such as nuclear receptors, YB-1, p65 subunit of NF- κ B, TFIID, and RUNX2.



Western blot analysis of FUS / TLS expression in K562 cell lysate.

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