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FUS (C) Antibody, Rabbit Polyclonal

Cat#: R0219-2

Lot#: Refer to vial

Quantity: 100 ul

Application: WB

Predicted M.W.: 53 kDa

Uniprot ID: P35637

Background:

Oncogene Fused in sarcoma (FUS) is also known as Translocated in liposarcoma protein (TLS), which 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. FUS belongs to the FET family of RNA-binding proteins which have been implicated in cellular processes including regulation of gene expression, maintenance of genomic integrity and mRNA/microRNA processing. Defects in this gene result in amyotrophic lateral sclerosis type 6.

Other Names:

RNA-binding protein FUS, 75 kDa DNA-pairing protein, Oncogene FUS, Oncogene TLS, POMp75 Translocated in liposarcoma protein, TLS

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human FUS. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN_3. Store at -20 ℃. Stable for 6 months from date of receipt.

Species Specificity:

Human

Tested Applications:

WB: 1:1,000-1:5,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

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Product Data:

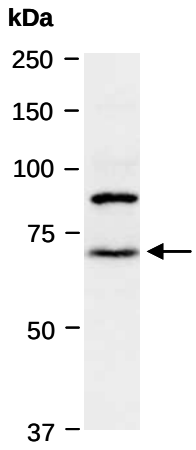


Fig 1. *Western blot of total cell extracts from human HepG2, using Ab (R0219-2) at RT for 2 h.*

Last Update: 11/2011

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