

Catalogue No.

AB0452-100

Qty:

300 µg

Anti-FUS

Source: Goat

General description: Goat polyclonal antibody to FUS. FUS (Fused in Sarcoma), also known as TLS (Translocated in Liposarcoma), is a multifunctional RNA-binding protein encoded by the FUS gene. It is a member of the FET protein family, which also includes EWSR1 and TAF15. FUS plays a critical role in various cellular processes, including transcription regulation, RNA splicing, RNA transport, and DNA repair.

Alternative names: ALS6, ETM4, FUS1, HNRNPP2, POMP75, TLS, altFUS antibody.

Form: Polyclonal antibody supplied as a 100 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Purified recombinant peptide derived from within residues 100 aa to the N-terminus of human FUS produced in E. coli.

Specificity: Detects endogenous levels of FUS by Western blot in the whole cell lysates (H69, HeLa, MCF7, AtT20, LS174T, 293HEK, IMCD3, Jurkat, COS7, SHSY5Y, NIH3T3, etc.).

Reactivity: Reacts with Human, Rat, Mouse, Monkey and Canine proteins

| Sample | WB | IHC (F) | IHC (P) | IF | ELISA | IEM |
|--------|-----|---------|---------|----|-------|-----|
| Human | +++ | ND | ND | ND | ND | ND |
| Mouse | +++ | ND | ND | ND | ND | ND |
| Rat | +++ | ND | ND | ND | ND | ND |
| Monkey | +++ | ND | ND | ND | ND | ND |
| Canine | ND | ND | ND | ND | ND | |

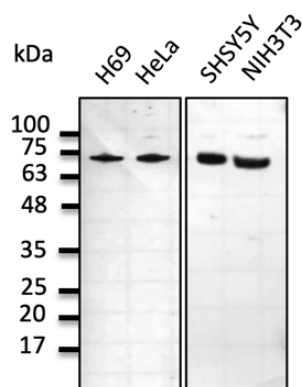
+++ excellent, ++ good, + poor, ND not determined

Usage:

WB: 1:1,000-1:5,000

Storage: Store at -20 C for long-term storage. Store at 2-8 C for up to one month.

Special instructions: Avoid freeze/thaw cycles..



Endogenous FUS detected with at 1:2,500 dilution;
lysate at 50 µg per lane and rabbit polyclonal to
goat IgG (HRP) at 1/10,000 dilution;

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.