

anti- KHDRBS3 antibody

Product Information

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| Catalog No.: | FNab04523 |
| Size: | 100µg |
| Form: | liquid |
| Purification: | Immunogen affinity purified |
| Purity: | ≥95% as determined by SDS-PAGE |
| Host: | Rabbit |
| Clonality: | polyclonal |
| Clone ID: | None |
| IsoType: | IgG |
| Storage: | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.) |

Background

RNA-binding protein that plays a role in the regulation of alternative splicing and influences mRNA splice site selection and exon inclusion. Binds preferentially to the 5'-[AU]UAAA-3' motif in vitro. Binds optimally to RNA containing 5'-[AU]UAA-3' as a bipartite motif spaced by more than 15 nucleotides. Binds poly(A). RNA-binding abilities are down-regulated by tyrosine kinase PTK6(PubMed:10564820, PubMed:19561594, PubMed:26758068). Involved in splice site selection of vascular endothelial growth factor(PubMed:15901763). In vitro regulates CD44 alternative splicing by direct binding to purine-rich exonenhancer(By similarity). Can regulate alternative splicing of neurexins NRXN1-3 in the laminin G-like domain 6 containing the evolutionary conserved neurexin alternative spliced segment 4(AS4) involved in neurexin selective targeting to postsynaptic partners such as neuroligins and LRRTM family members(PubMed:26758068). Targeted, cell-type specific splicing regulation of NRXN1 at AS4 is involved in neuronal glutamatergic synapse function and plasticity(By similarity). May regulate expression of KHDRBS2/SLIM-1 in defined brain neuron populations by modifying its alternative splicing(By similarity). Can bind FABP9 mRNA(By similarity). May play a role as a negative regulator of cell growth.Inhibits cell proliferation. (Microbial infection) Involved in post-transcriptional regulation of HIV-1 gene expression.

Immunogen information

Immunogen: KH domain containing, RNA binding, signal transduction associated 3

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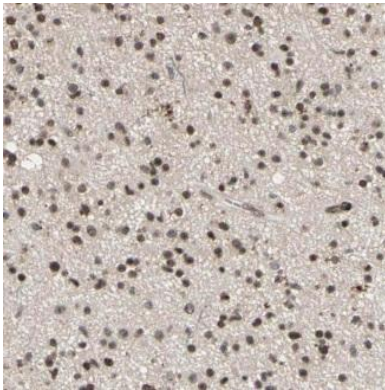
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Synonyms: SALP, SLM2
Observed MW: 55 kDa
UniprotID : O75525

Application

Reactivity: Human, Mouse, Rat
Tested Application: ELISA, WB, IHC
Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200
Image:



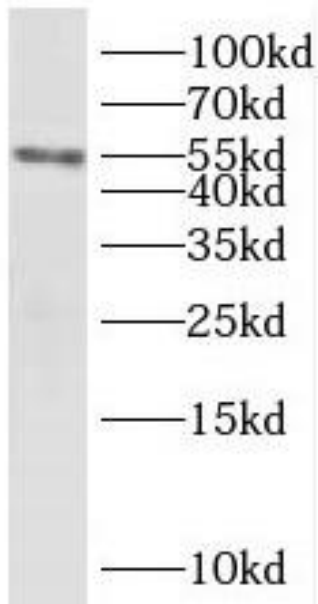
Immunohistochemistry of paraffin-embedded human gliomas using FNab04523(KHDRBS3 antibody) at dilution of 1:100

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HepG2 cells were subjected to SDS PAGE followed by western blot with FNab04523(KHDRBS3 antibody) at dilution of 1:300