

For Research Use Only

IGFN1 Polyclonal antibody

Catalog Number:25095-1-AP



Basic Information

Catalog Number:

25095-1-AP

Size:

400 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18731

GenBank Accession Number:

BC131529

GeneID (NCBI):

91156

UNIPROT ID:

Q86VF2

Full Name:

immunoglobulin-like and fibronectin type III domain containing 1

Calculated MW:

1251 aa, 138 kDa

Observed MW:

100 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : A431 cells, HeLa cells

Background Information

Immunoglobulin-like and fibronectin type III domain-containing protein 1 (IGFN1), also known as EEF1A2-binding protein 1 (EEF1A2BP1) or KY-interacting protein 1 (KYIP1), presents structural similarity to sarcomeric proteins belonging to the intracellular Ig superfamily, including myosin-binding protein C fast and slow-type skeletal muscle isoforms (PMID: 18756455). IGFN1 along with KY and FLNC is the part of a Z-band associated protein complex likely providing structural support to the skeletal muscle (PMID: 20206623). IGFN1 gene has been associated with some cancers (PMID: 28027327; 30335789; 35456975). At least five isoforms of IGFN1 produced by alternative splicing have been identified (PMID: 20206623).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

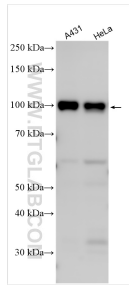
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25095-1-AP (IGFN1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.