

For Research Use Only

ELL2 Polyclonal antibody, PBS Only

Catalog Number: 12727-1-PBS

Featured Product



Basic Information

Catalog Number:

12727-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3428

GenBank Accession Number:

BC028412

GeneID (NCBI):

22936

UNIPROT ID:

O00472

Full Name:

elongation factor, RNA polymerase II,
2

Calculated MW:

640 aa, 72 kDa

Observed MW:

72 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

ELL2 (Elongation Factor for RNA Polymerase II 2) is a key transcriptional elongation factor that regulates RNA polymerase II (Pol II) during mRNA synthesis (PMID: 34265249). It belongs to the ELL gene family, which includes ELL1, ELL2, and ELL3, and plays a crucial role in controlling the elongation phase of transcription (PMID: 9108030). ELL2 is an androgen-responsive gene that is expressed by prostate epithelial cells and is frequently down-regulated in prostate cancer (PMID: 29179998).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

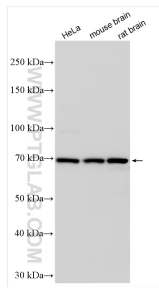
T: 4006900926

E: Proteintech-CN@ptglab.com

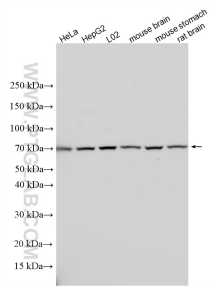
W: ptgcn.com

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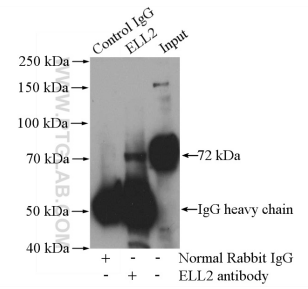
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12727-1-AP (ELL2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 12727-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 12727-1-AP (ELL2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 12727-1-PBS in a different storage buffer formulation.



IP result of anti-ELL2 (IP:12727-1-AP, 4ug; Detection:12727-1-AP 1:300) with mouse brain tissue lysate 3440ug. This data was developed using the same antibody clone with 12727-1-PBS in a different storage buffer formulation.