For Research Use Only

GSK3B Recombinant antibody, PBS Only

Catalog Number:82061-1-PBS

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Antibodies | ELISA kits | Proteins
Uni-rAb
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Basic Information

Catalog Number:
82061-1-PBS

Size:
1mg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG17320

GenBank Accession Number:
BC000251

GeneID (NCBI):
2932

UNIPROT ID:
P49841

Full Name:
glycogen synthase kinase 3 beta

Calculated MW:
433 aa, 48 kDa

Observed MW:
~45 kDa

Purification Method:
Protein A purification

CloneNo.:
4N21

Applications

Tested Applications:
WB, IHC, IP, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

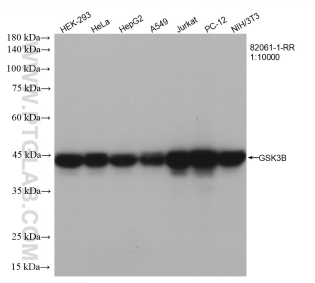
Glycogen synthase kinase-3 (GSK3) is a proline-directed serine-threonine kinase that was initially identified as a phosphorylating and inactivating glycogen synthase.GSK3B is involved in energy metabolism, neuronal cell development, and body pattern formation. In skeletal muscle, it contributes to INS regulation of glycogen synthesis by phosphorylating and inhibiting GYS1 activity and hence glycogen synthesis.

Storage

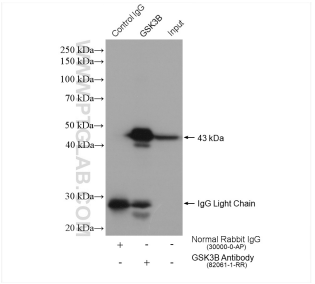
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

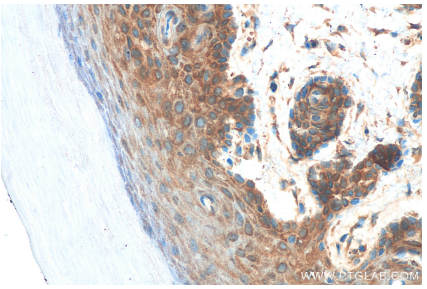
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82061-1-RR (GSK3B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82061-1-PBS in a different storage buffer formulation.



IP result of anti-GSK3B (IP:82061-1-RR, 4ug; Detection:82061-1-RR 1:5000) with HeLa cells lysate 1720 ug. This data was developed using the same antibody clone with 82061-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using 82061-1-RR (GSK3B antibody) at dilution of 1:450 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82061-1-PBS in a different storage buffer formulation.