

Product datasheet for TA376822S

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GSK3 beta (GSK3B) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: IP, WB

Recommended Dilution: WB,1:500 - 1:1000

IP,1:50 - 1:100

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 300 to the C-terminus of

human GSK3β (NP_001139628.1).

Formulation: Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Concentration: lot specific

Purification: Affinity purification

Conjugation: Unconjugated

Store at -20°C. Avoid freeze / thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 46kDa/48kDa

Gene Name: glycogen synthase kinase 3 beta

Database Link: Entrez Gene 2932 Human

P49841

Background: The protein encoded by this gene is a serine-threonine kinase, belonging to the glycogen

synthase kinase subfamily. It is involved in energy metabolism, neuronal cell development, and body pattern formation. Polymorphisms in this gene have been implicated in modifying risk of Parkinson disease, and studies in mice show that overexpression of this gene may be relevant to the pathogenesis of Alzheimer disease. Alternatively spliced transcript variants

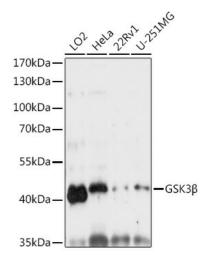
encoding different isoforms have been found for this gene.



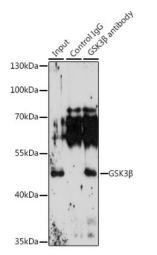


Synonyms: GSK3B

Product images:



Western blot analysis of extracts of various cell lines, using GSK3 β antibody ([TA376822]) at 1:1000 dilution.|Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.|Lysates/proteins: 25ug per lane.|Blocking buffer: 3% nonfat dry milk in TBST.|Detection: ECL Basic Kit.|Exposure time: 30s.



Immunoprecipitation analysis of 200ug extracts of 22Rv1 cells, using 3 ug GSK3 β antibody ([TA376822]). Western blot was performed from the immunoprecipitate using GSK3 β antibody ([TA376822]) at a dilition of 1:1000.