

HSPC210/GSK3beta interaction protein Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56946**Specification****HSPC210/GSK3beta interaction protein Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	Q9P0R6
Reactivity	Rat, Cynomolgus
Host	Rabbit
Clonality	Polyclonal
Calculated MW	15648

HSPC210/GSK3beta interaction protein Polyclonal Antibody - Additional Information**Gene ID** 51527**Other Names**

GSK3B-interacting protein {ECO:0000312|HGNC:HGNC:20343}, GSKIP, GSK3beta interaction protein {ECO:0000312|HGNC:HGNC:20343}, GSKIP {ECO:0000303|PubMed:16981698, ECO:0000312|HGNC:HGNC:20343}

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

HSPC210/GSK3beta interaction protein Polyclonal Antibody - Protein Information**Name** GSKIP {ECO:0000303|PubMed:16981698, ECO:0000312|HGNC:HGNC:20343}**Function**

A-kinase anchoring protein for GSK3B and PKA that regulates or facilitates their kinase activity towards their targets (PubMed: 16981698, PubMed: 25920809, PubMed: 27484798). The ternary complex enhances Wnt-induced signaling by facilitating the GSK3B- and PKA-induced phosphorylation of beta-catenin leading to beta-catenin degradation and stabilization respectively (PubMed: 16981698, PubMed: 27484798). Upon cAMP activation, the ternary complex contributes to neuroprotection against oxidative stress-induced apoptosis by facilitating the PKA-induced phosphorylation of DML1 and PKA-induced inactivation of GSK3B (PubMed: 25920809). During neurite outgrowth promotes neuron proliferation; while increases beta-catenin-induced transcriptional activity through GSK3B kinase activity inhibition,

reduces N-cadherin level to promote cell cycle progression (PubMed:19830702).

Cellular Location

Cytoplasm. Nucleus

Tissue Location

Detected in heart, brain, placenta, liver, skeletal muscle, kidney, testis, lung and pancreas

HSPC210/GSK3beta interaction protein Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HSPC210/GSK3beta interaction protein Polyclonal Antibody - Images