

NCKIPSD Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57371

Specification

NCKIPSD Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	O9NZQ3
Reactivity	Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	78960

NCKIPSD Polyclonal Antibody - Additional Information

Gene ID 51517

Other Names

NCK-interacting protein with SH3 domain, 54 kDa VacA-interacting protein, 54 kDa vimentin-interacting protein, VIP54, 90 kDa SH3 protein interacting with Nck, AF3p21, Dia-interacting protein 1, DIP-1, Diaphanous protein-interacting protein, SH3 adapter protein SPIN90, WASP-interacting SH3-domain protein, WISH, Wiskott-Aldrich syndrome protein-interacting protein, NCKIPSD, AF3P21, SPIN90

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.

NCKIPSD Polyclonal Antibody - Protein Information

Name NCKIPSD

Synonyms AF3P21, SPIN90

Function

Has an important role in stress fiber formation induced by active diaphanous protein homolog 1 (DRF1). Induces microspike formation, in vivo (By similarity). In vitro, stimulates N-WASP-induced ARP2/3 complex activation in the absence of CDC42 (By similarity). May play an important role in the maintenance of sarcomeres and/or in the assembly of myofibrils into sarcomeres. Implicated in regulation of actin polymerization and cell adhesion. Plays a role in angiogenesis.

Cellular Location

Nucleus. Note=Colocalizes with DRF1 at membrane ruffles, and with Nck at Z-disks in mature cardiac myocytes

Tissue Location

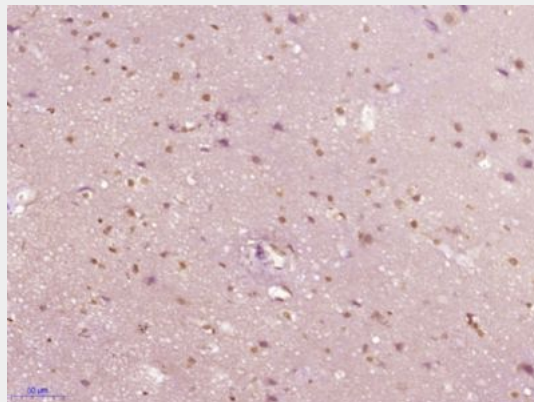
Highest expression in heart, brain, skeletal muscle, kidney and liver. Lower levels in placenta, lung, small intestine and leukocytes. Weak expression in colon, thymus and spleen

NCKIPSD Polyclonal Antibody - Protocols

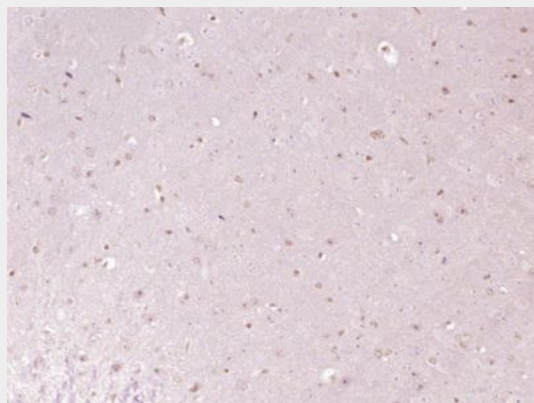
Provided below are standard protocols that you may find useful for product applications.

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

NCKIPSD Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NCKIPSD) Polyclonal Antibody, Unconjugated (bs-19049R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with

(NCKIPSD) Polyclonal Antibody, Unconjugated (bs-19049R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.