

Rabbit Anti-SPOCK2 antibody

SL11966R

Product Name SPOCK2

Chinese Name 睾丸蛋白聚糖 2 抗体

Alias Kazal-like domains proteoglycan 2; CWCV; FLJ97039; KIAA0275; SPARC/osteonectin; Sparc/osteonectin cwcv and kazal like domains proteoglycan (testican) 2; Sparc/osteonectin cwcv and kazal like domains proteoglycan 2; SPOCK 2; Spock2; Testican 2; Testican-2; Testican2; TICN 2; TICN2; TICN2_HUMAN.

Research Area Cell biology Neurobiology Cytoskeleton Extracellular matrix

Immunogen Species Rabbit

Clonality Polyclonal

React Species Human, Mouse, Rat, (predicted: Dog, Pig, Cow, Horse, Sheep,)

Applications WB=1:500-2000,ELISA=1:5000-10000 (Paraffin sections need antigen repair)
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 45kDa

Cellular localization Secretory protein

Form Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from human SPOCK2/Testican 2: 61-160/424

Lsotype IgG

Purification affinity purified by Protein A

Buffer Solution 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

Storage Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Attention This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed [PubMed](#)

This gene encodes a protein which binds with glycosaminoglycans to form part of the extracellular matrix. The protein contains thyroglobulin type-1, follistatin-like, and calcium-binding domains, and has glycosaminoglycan attachment sites in the acidic C-terminal region. Three alternatively spliced transcript variants that encode different protein isoforms have been described for this gene. [provided by RefSeq, Oct 2011]

Function:

May participate in diverse steps of neurogenesis. Binds calcium.

Subcellular Location:

Secreted.

Tissue Specificity:

Highly expressed in brain. Also found in lung and testis.

Post-translational modifications:

Contains chondroitin sulfate and heparan sulfate O-linked oligosaccharides.

**Product
Detail**

Similarity:

Contains 1 Kazal-like domain.

Contains 1 thyroglobulin type-1 domain.

SWISS:

Q92563

Gene ID:

9806

Database links:

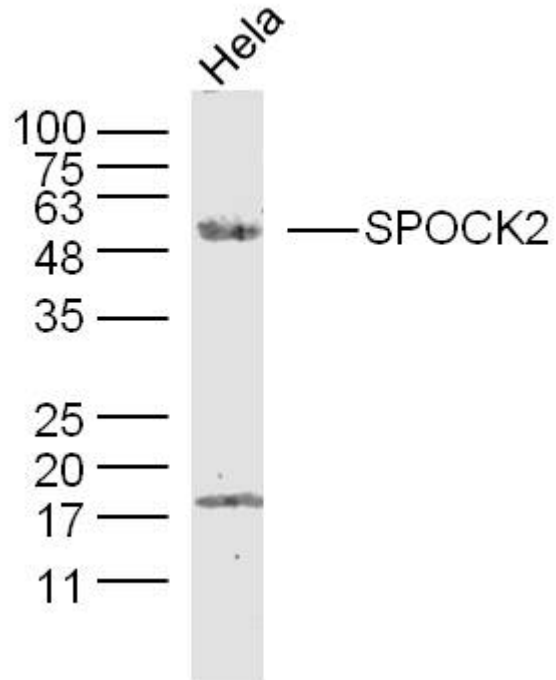
[Entrez Gene: 9806](#) Human

[Omim: 607988](#) Human

[SwissProt: Q92563](#) Human

[Unigene: 523009](#) Human

**Product
Picture**



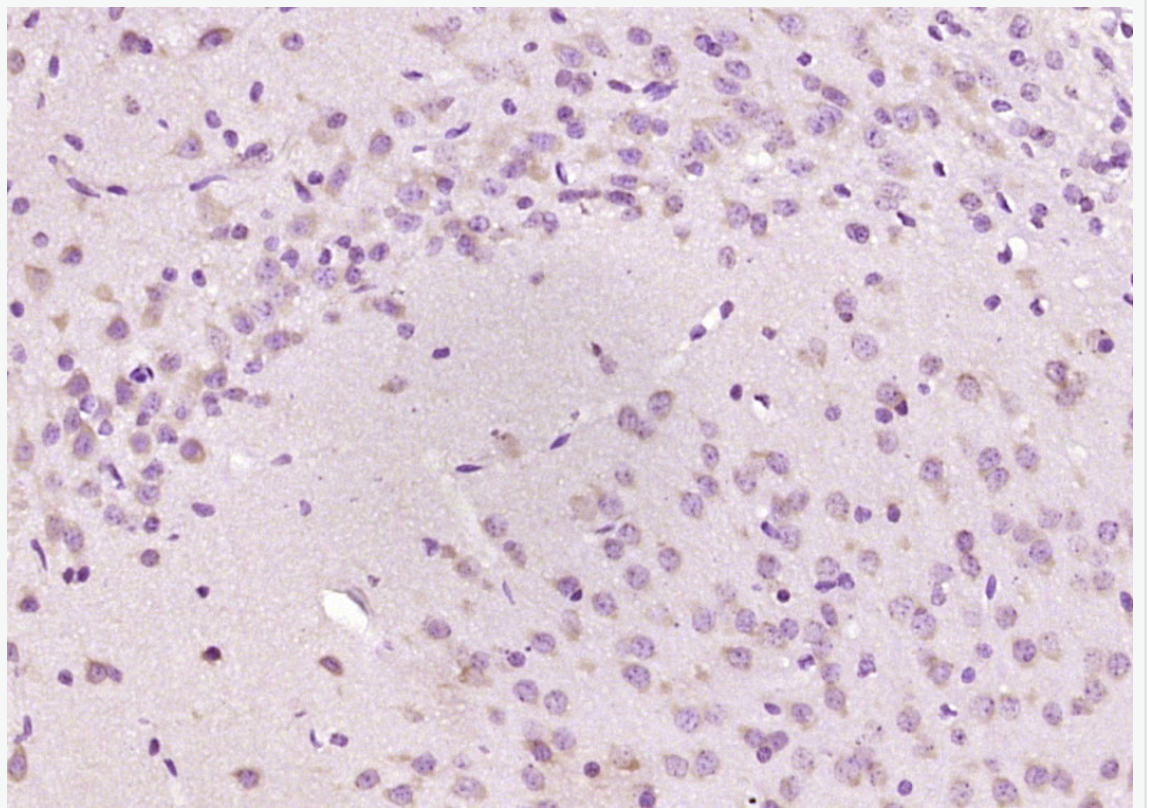
Sample: HeLa Cell (Human) Lysate at 40 ug

Primary: Anti-SPOCK2 (SL11966R) at 1/300 dilution

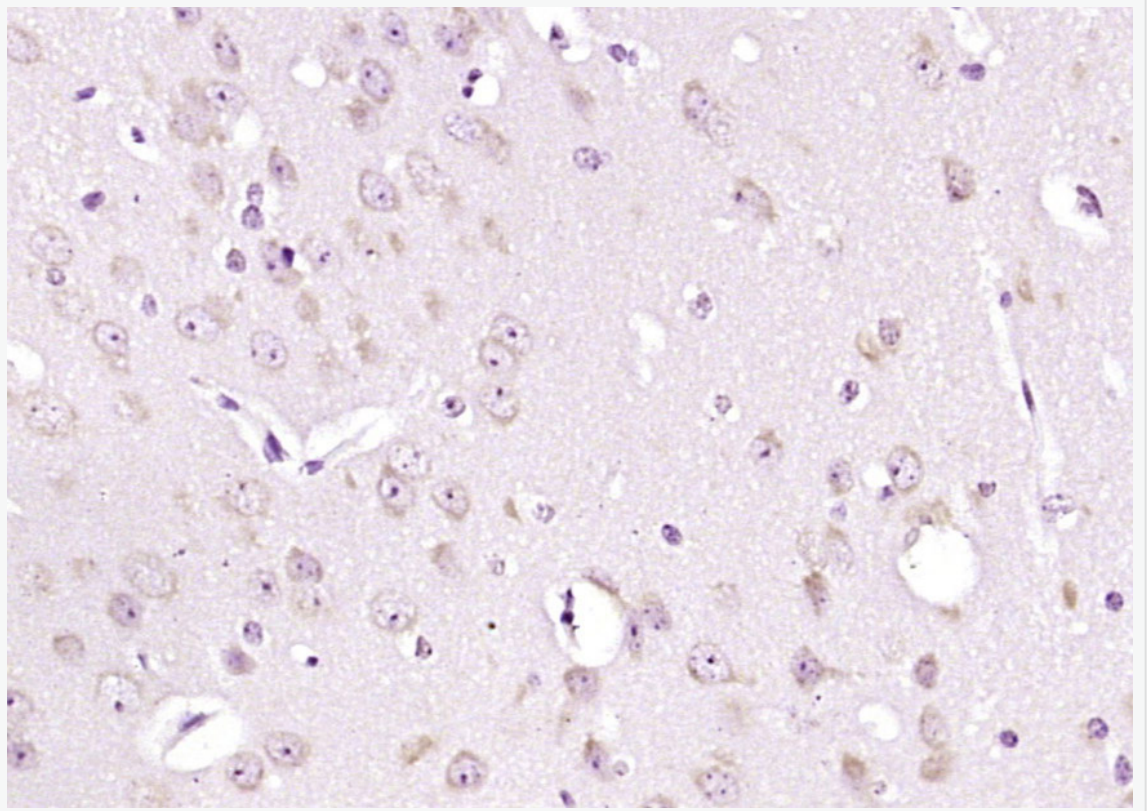
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 45 kD

Observed band size: 50 kD



Paraformaldehyde-fixed, paraffin embedded (rat 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 (SPOCK2) Polyclonal Antibody, Unconjugated (SL11966R) at 1:200 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 (SPOCK2) Polyclonal Antibody, Unconjugated (SL11966R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.