



Rabbit Anti-SPOCK2 antibody

SL11966R

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|-------------------------------|---|
| 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. |
| Organism Species: | Rabbit |
| Clonality: | Polyclonal |
| React Species: | Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep, |
| Applications: | WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight: | 45kDa |
| Cellular localization: | Secretory protein |
| Form: | Lyophilized or 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 |
| Storage Buffer: | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage: | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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. |
| PubMed: | PubMed |
| Product Detail: | 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.

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

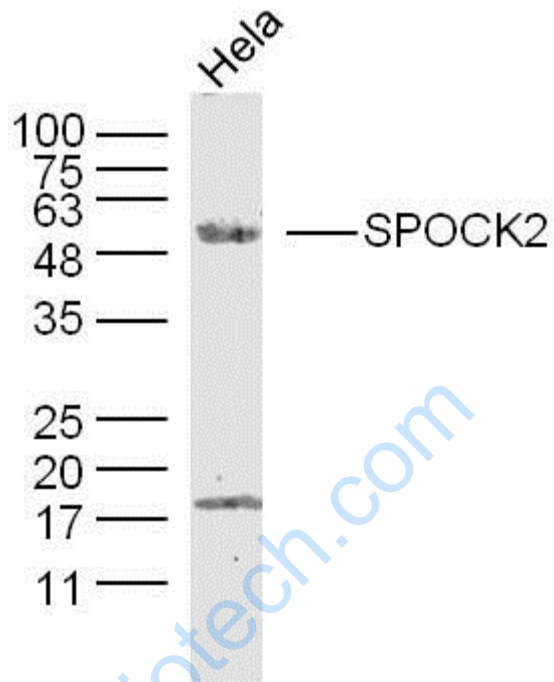
[SwissProt: Q92563](#) Human

[Unigene: 523009](#) Human

Important Note:

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

Picture:



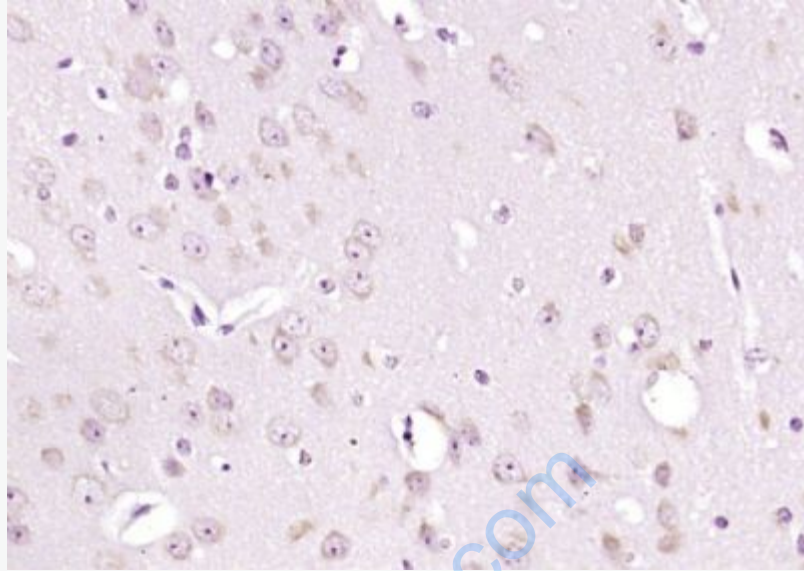
Sample: HeLa Cell (Human) Lysate at 40 ug

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

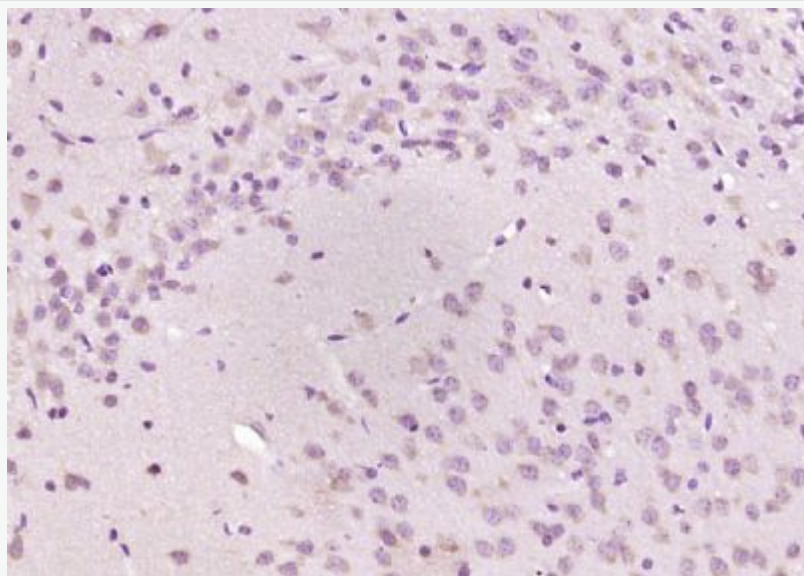
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 45 kD

Observed band size: 50 kD



Paraformaldehyde-fixed, paraffin embedded (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.



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.

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