

SPOCK2 Rabbit pAb

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Catalog # AP54690

Product Information

Application	WB
Primary Accession	Q92563
Reactivity	Rat, Human, Mouse
Predicted	Chicken, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46779
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SPOCK2/Testican 2
Epitope Specificity	61-160/424
Isotype	IgG
Purity	affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.**SUBCELLULAR LOCATION** Secreted.**Important Note** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.**Background Descriptions** 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]

Additional Information

Gene ID	9806
Other Names	Testican-2, SPARC/osteonectin, CWCV, and Kazal-like domains proteoglycan 2, SPOCK2, KIAA0275, TICN2
Dilution	WB=1:500-2000,ELISA=1:5000-10000
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.

Protein Information

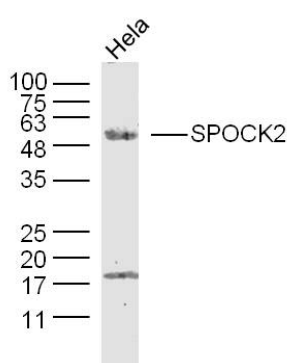
Name	SPOCK2
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Synonyms	KIAA0275, TICN2
Function	May participate in diverse steps of neurogenesis. Binds calcium.
Cellular Location	Secreted, extracellular space, extracellular matrix
Tissue Location	Highly expressed in brain. Also found in lung and testis.

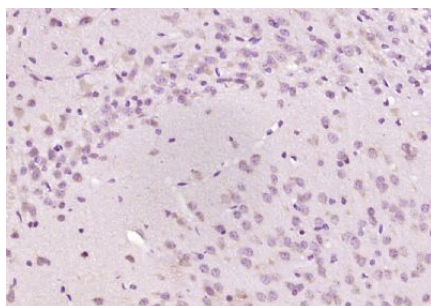
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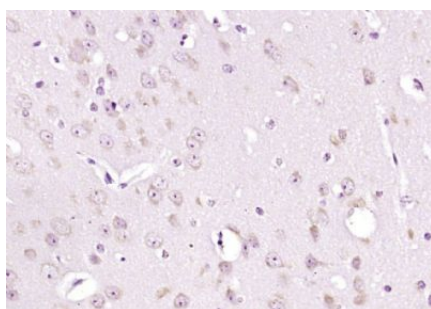
Images



Sample: HeLa Cell (Human) Lysate at 40 ug
 Primary: Anti-SPOCK2 (AP54690) 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 (AP54690) 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 (AP54690) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.