产品名称：Versican Rabbit Polyclonal Antibody
产品货号：APRab19780

产品概述（Summary）

产品名称（Production Name）	Versican Rabbit Polyclonal Antibody
描述（Description）	Rabbit polyclonal Antibody
宿主（Host）	Rabbit
应用（Application）	WB,IHC,ICC/IF,ELISA
种属反应性（Reactivity）	Human,Rat,Mouse

产品性能（Performance）

偶联物（Conjugation）	Unconjugated
修饰（Modification）	Unmodified
同种型（Isotype）	IgG
克隆（Clonality）	Polyclonal
形式（Form）	Liquid
存放说明（Storage）	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液（Buffer）	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式（Purification）	Affinity purification

免疫原信息（Immunogen）

基因名（Gene Name）	VCAN
别名（Alternative Names）	VCAN; CSPG2; Versican core protein; Chondroitin sulfate proteoglycan core protein 2; Chondroitin sulfate proteoglycan 2; Glial hyaluronate-binding protein; GHAP; Large fibroblast proteoglycan; PG-M
基因 ID（Gene ID）	1462.0
蛋白 ID（SwissProt ID）	P13611.The antiserum was produced against synthesized peptide derived from human VCAN. AA range:532-581

产品应用（Application）

稀释比（Dilution Ratio）	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
蛋白分子量（Molecular Weight）	

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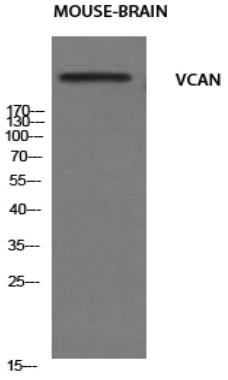
研究背景（Background）

This gene is a member of the aggrecan/versican proteoglycan family. The protein encoded is a large chondroitin sulfate proteoglycan and is a major component of the extracellular matrix. This protein is involved in cell adhesion, proliferation, proliferation, migration and angiogenesis and plays a central role in tissue morphogenesis and maintenance. Mutations in this gene are the cause of Wagner syndrome type 1. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2009],alternative products:Additional isoforms seem to exist,developmental stage:Disappears after the cartilage development.,disease:Defects in VCAN are the cause of Wagner syndrome type 1 (WGN1) [MIM:143200]. WGN is a dominantly inherited vitreoretinopathy characterized by an optically empty vitreous cavity with fibrillary condensations and a preretinal avascular membrane. Other optical features include progressive chorioretinal atrophy, perivascular sheating, subcapsular cataract and myopia. Systemic manifestations are absent in WGN.,function:May play a role in intercellular signaling and in connecting cells with the extracellular matrix. May take part in the regulation of cell motility, growth and differentiation. Binds hyaluronic acid.,online information:Versican,similarity:Belongs to the aggrecan/versican proteoglycan family.,similarity:Contains 1 C-type lectin domain.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,similarity:Contains 1 Sushi (CCP/SCR) domain.,similarity:Contains 2 EGF-like domains.,similarity:Contains 2 Link domains.,subunit:Interacts with FBLN1.,tissue specificity:Cerebral white matter. Isoform V0 and isoform V1 are expressed in normal brain, gliomas, medulloblastomas, schwannomas, neurofibromas, and meningiomas; isoform V2 is restricted to normal brain and gliomas; isoform V3 is found in all these tissues except medulloblastomas.,

研究领域（Research Area）

Cell adhesion molecules (CAMs);

图片（Image Data）



Western Blot analysis of mouse-brain cells using Versican Polyclonal Antibody. Secondary antibody was diluted at 1:20000

注意事项（Note）

For research use only .