

Anti-Versican antibody [EPR12277] ab177480

リコンビナント RabMAb

★★★★★ **3 Abreviews** **24 References** 画像数 3

製品の概要

製品名	Anti-Versican antibody [EPR12277]
製品の詳細	Rabbit monoclonal [EPR12277] to Versican
由来種	Rabbit
アプリケーション	適用あり: WB 適用なし: IHC-P
種交差性	交差種: Mouse, Rat, Human
免疫原	Synthetic peptide within Human Versican aa 3200-3300 (Cysteine residue). The exact sequence is proprietary. Database link: P13611
ポジティブ・コントロール	WB: Fetal brain, fetal heart, rat and mouse hippocampal, mouse heart lysates;
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.5% BSA
精製度	Protein A purified
ポリクローナル	モノクローナル
クローン名	EPR12277

アイソタイプ

IgG

アプリケーション

The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab177480の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	1/1000 - 1/5000. Predicted molecular weight: 373 kDa.

追加情報

Is unsuitable for IHC-P.

ターゲット情報

機能

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.

組織特異性

Cerebral white matter and plasma. 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.

関連疾患

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 sheathing, subcapsular cataract and myopia. Systemic manifestations are absent in WGN.

配列類似性

Belongs to the aggrecan/versican proteoglycan family.
Contains 1 C-type lectin domain.
Contains 2 EGF-like domains.
Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Contains 2 Link domains.
Contains 1 Sushi (CCP/SCR) domain.

発生段階

Disappears after the cartilage development.

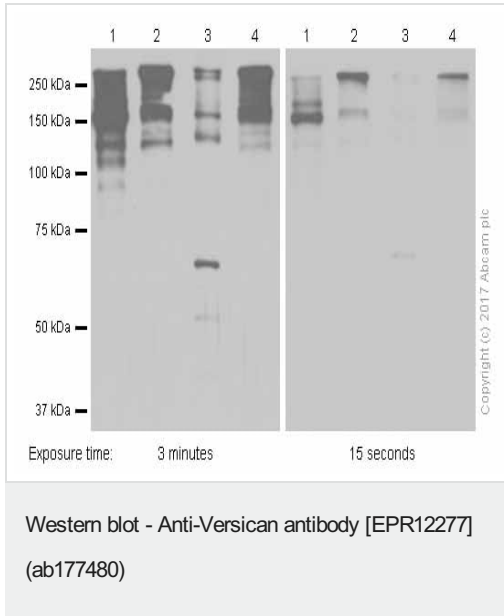
翻訳後修飾

Phosphorylation sites are present in the extracellular medium.

細胞内局在

Secreted > extracellular space > extracellular matrix.

画像



All lanes : Anti-Versican antibody [EPR12277] (ab177480) at 0.1 µg/ml (purified)

Lane 1 : Human hippocampus lysate

Lane 2 : Mouse hippocampus lysates

Lane 3 : Mouse heart lysates

Lane 4 : Rat hippocampus lysates

Lysates/proteins at 20 µg per lane.

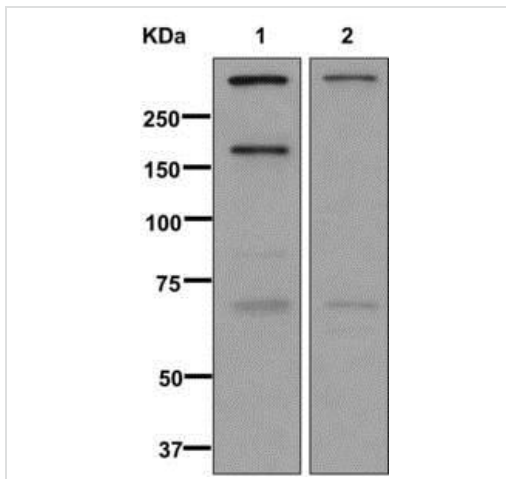
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 373 kDa

Blocking and diluting buffer: 5% NFDm/TBST

This antibody detects multi-bands due to the splicing variants and proteolytic fragments (PMID: 27683612, 24401530, 29222454, 19662655)



Western blot - Anti-Versican antibody [EPR12277]
(ab177480)

All lanes : Anti-Versican antibody [EPR12277] (ab177480) at
1/1000 dilution (Unpurified)





Lane 1 : Fetal brain lysate

Lane 2 : Fetal heart lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 373 kDa

Why choose a
recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

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