

AB-NN221-1

Brevican Antibody

Pan-specific monoclonal antibody (S294A-6) for monitoring the expression of rat Brevican



KINEXUS

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Target Protein

Name Long:	Brevican core protein
Alias:	BCAN, BEHAB, CSPG7, Brain enriched hyaluronan binding protein, Brevican core protein, Brevican core protein isoform 1, Brevican core protein isoform 2, Brevican proteoglycan, Chondroitin sulfate proteoglycan 7, Chondroitin sulfate proteoglycan BEHAB, MGC13038
UniProt ID:	P55068 - Rat
Human Predicted Mass (KDa):	99.118 (911 AA; Q96GW7-1); 71.671 (671 AA; Q96GW7-2)
Observed SDS-PAGE Mass (KDa):	140

Immunogen

Antibody Immunogen Source:	Fusion protein amino acids 219-655 of rat Brevican
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	IgG2B
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH 7.4, 50% glycerol, 0.09% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB ICC/IF
Antibody Dilution Recommended:	WB (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Mouse Rat
Antibody Positive Control:	1 µg/ml of SMC-428 was sufficient for detection of Brevican in 20 µg of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	In mouse brain lysates, this antibody detects a ~140 kDa protein (and smaller due to proteolytic cleavage).
Antibody Specificity:	Very High

This product is for in vitro research use only and is not intended for use in humans or animals.

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