

Datasheet for ABIN452781

anti-Biglycan antibody (Middle Region)

2 Images



[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	Biglycan (BGN)
Binding Specificity:	AA 155-184, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Biglycan antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 155~184 amino acids selected from the Center region of human BGN
Specificity:	This antibody detects Biglycan at Center.
Purification:	Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

Target Details

Target:	Biglycan (BGN)
Alternative Name:	Biglycan (BGN Products)
Background:	BGN is a small cellular or pericellular matrix proteoglycan that is closely related in structure to two other small proteoglycans, decorin and fibromodulin. The protein and decorin are thought

Target Details

to be the result of a gene duplication. Decorin contains one attached glycosaminoglycan chain, while this protein probably contains two chains. For this reason, this protein is called biglycan. This protein is thought to function in connective tissue metabolism by binding to collagen fibrils and transferring growth factor-beta. It may promote neuronal survival. Synonyms: BGN, Bone/cartilage proteoglycan I, PG-S1, PGS1, SLRR1A, Small Leucine-rich Protein 1A

Molecular Weight:	41654 Da
Gene ID:	633
NCBI Accession:	NP_001702
UniProt:	P21810
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	Western blot: 1: 50 - 1: 100. ELISA: 1: 1,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) sodium azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer.

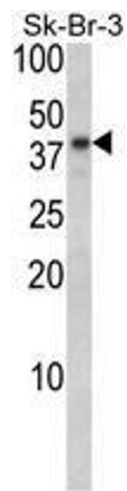


Image 1.

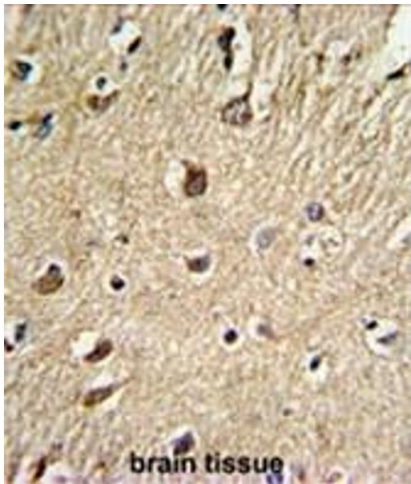


Image 2.