

ARG64961 anti-Decorin antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Decorin
Tested Reactivity	Hu
Predict Reactivity	Cow, Pig
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognize the three reported isoforms a, b and c (NP_001911.1; NP_598011.1; NP_598012.1 resp.). Reported variants NP_598010.1 and NP_001911.1 represent identical protein.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Decorin
Species	Human
Immunogen	C-KISRVDAASLKGLNN
Conjugation	Un-conjugated
Alternate Names	Bone proteoglycan II; PG40; PGII; CSCD; SLRR1B; PGS2; PG-S2; DSPG2; Decorin

Application Instructions

Application table	Application	Dilution
	IHC-P	3 - 5 µg/ml
	WB	0.5 - 2 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

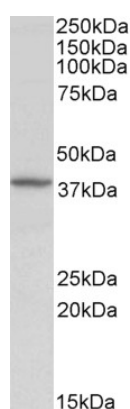
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

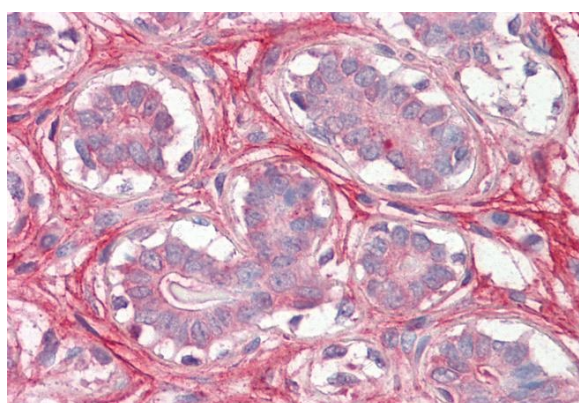
Database links	GeneID: 1634 Human Swiss-port # P07585 Human
Background	The protein encoded by this gene is a small cellular or pericellular matrix proteoglycan that is closely related in structure to biglycan protein. The encoded protein and biglycan are thought to be the result of a gene duplication. This protein is a component of connective tissue, binds to type I collagen fibrils, and plays a role in matrix assembly. It contains one attached glycosaminoglycan chain. This protein is capable of suppressing the growth of various tumor cell lines. There are multiple alternatively spliced transcript variants known for this gene. This gene is a candidate gene for Marfan syndrome. [provided by RefSeq, Jul 2008]
Research Area	Developmental Biology antibody; Signaling Transduction antibody
Calculated Mw	40 kDa
PTM	The attached glycosaminoglycan chain can be either chondroitin sulfate or dermatan sulfate depending upon the tissue of origin.

Images



ARG64961 anti-Decorin antibody WB image

Western Blot: Human Kidney lysate (35 µg protein in RIPA buffer) stained with ARG64961 anti-Decorin antibody at 0.5 µg/ml dilution.



ARG64961 anti-Decorin antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human breast tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64961 anti-Decorin antibody at 3.75 µg/ml dilution followed by AP-staining.