

# Versican V0, V1 Neo Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human
Published Species	Rabbit, Rat, Human, Mouse
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to residues C G G D(436) P E A A E(441) of human Versican V0/V1 Neo.
Form	Liquid
Concentration	2 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS with 1mg/mL BSA
Contains	0.05% sodium azide
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2304324

Applications	Tested	Dilution	Published
Western Blot (WB)	✓	1 µg/mL	7 Publications
Immunohistochemistry (IHC)	-		6 Publications
Immunohistochemistry (Paraffin) (IHC (P))	-	1:500	3 Publications
Miscellaneous PubMed (MISC)	-	1:100	2 Publications
Immunofluorescence (IF)	-		2 Publications

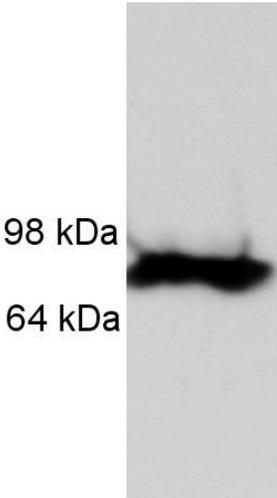
## Product Specific Information

PA1-1748A detects versican from human samples.

PA1-1748A has been successfully used in Western blot procedures. By Western blot, this antibody detects an ~70 kDa protein representing versican from mouse cumulus oocyte complexes.

PA1-1748A immunogen is a synthetic peptide corresponding to residues C G G D(436) P E A A E(441) of human Versican V0/V1 Neo. This sequence is completely conserved between mouse and rat. This immunizing peptide (PEP-235) can be used for neutralization and control experiments. This polyclonal antibody has been referred to as: JSCDPE or DPEAAE.

Fig. 1



**Versican V0, V1 Neo Antibody (PA1-1748A) in WB**  
Western blot of versican in human aorta samples using Product # PA1-1748A.

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## Western Blot (7)

International journal of molecular sciences

### Glucocorticoids Improve Myogenic Differentiation In Vitro by Suppressing the Synthesis of Versican, a Transitional Matrix Protein Overexpressed in Dystrophic Skeletal Muscles.

"Published figure using Versican V0, V1 Neo polyclonal antibody (Product # PA1-1748A) in Western Blot"

Authors: McRae N, Forgan L, McNeill B, Addinsall A, McCulloch D, Van der Poel C, Stupka N

**Species**  
Not Applicable

**Dilution**  
Not Cited

**Year**  
2017

Molecular carcinogenesis

### Elevated expression of long intergenic non-coding RNA HOTAIR in a basal-like variant of MCF-7 breast cancer cells.

"PA1-1748A was used in western blot to assess the function of HOTAIR in breast cancer cells that are resistant to TNF-alpha-induced cell death"

Authors: Zhuang Y, Nguyen HT, Burow ME, Zhuo Y, El-Dahr SS, Yao X, Cao S, Flemington EK, Nephew KP, Fang F, Collins-Burow B, Rhodes LV, Yu Q, Jayawickramarajah J, Shan B

**Species**  
Human

**Dilution**  
Not Cited

**Year**  
2015

[View more WB references on thermofisher.com](#)

## Immunohistochemistry (6)

Journal of immunology (Baltimore, Md. : 1950)

### Versican-Derived Matrikines Regulate Batf3-Dendritic Cell Differentiation and Promote T Cell Infiltration in Colorectal Cancer.

Authors: Hope C, Emmerich PB, Papadas A, Pagenkopf A, Matkowskyj KA, Van De Hey DR, Payne SN, Clipson L, Callander NS, Hematti P, Miyamoto S, Johnson MG, Deming DA, Asimakopoulos F

**Species**  
Human

**Dilution**  
Not Cited

**Year**  
2017

The journal of histochemistry and cytochemistry : official journal of the Histochemistry Society

### Correlation of Versican Expression, Accumulation, and Degradation during Embryonic Development by Quantitative Immunohistochemistry.

"PA1-1748A was used in immunohistochemistry to determine versican expression in the murine lung and central nervous system"

Authors: Snyder JM, Washington IM, Birkland T, Chang MY, Frevert CW

**Species**  
Mouse  
Not Applicable

**Dilution**  
Not Cited  
Not Cited

**Year**  
2015

[View more IHC references on thermofisher.com](#)

## More applications with references on thermofisher.com

IHC (P) (3)

MISC (2)

IF (2)

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