Human Versican Alexa Fluor® 350-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF3054U
100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Versican isoform V0 in direct ELISAs and Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	*E. coli*-derived recombinant human Versican isoform V0 Gly1344-Asp1554 Accession # P13611
Conjugate	Alexa Fluor 350 Excitation Wavelength: 346 nm Emission Wavelength: 442 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Versican (versatile proteoglycan; also known as PG-M) is a 500-600 kDa, secreted member of the Aggrecan/Versican proteoglycan family. It is a variably glycanated, hyaluronan-binding, chondroitin sulfate-containing molecule that likely serves an anti-adhesion function and regulates the hydration properties of pericellular matrices. Human Versican is 3396 amino acids (aa) in length. It contains an N-terminal hyaluronan-binding region (G1; aa 21-346), two large, alternately spliced GAG attachment domains (GAGα; aa 348-1335; GAGβ aa 1336-3088) and a C-terminal selectin-like region (G3; aa 3089-3396). Over aa 1344-1554, human Versican shares 80% and 60% aa sequence identity with canine and mouse Versican, respectively.

PRODUCT SPECIFIC NOTICES

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