

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human HAPLN4 in Western blots. In Western blots, less than 1% cross-reactivity with recombinant human HAPLN1 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant human HAPLN4 Gln30-Val402 Accession # Q86UW8
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.
Immunoprecipitation	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

HAPLN4 (hyaluronan and proteoglycan link protein 4; also Bral2) is a 40-42 kDa secreted member of the Link module superfamily. It is secreted by select neurons, particularly of the cerebellum, where it participates in ECM stability. Here it may link hyaluronic acid with resident proteoglycans. Mature HAPLN4 is 383 amino acids (aa) in length. It contains one Ig-like C2-type domain (aa 46-161) and two link domains (aa 163-365). One potential alternate start site exists 36 aa upstream of the standard start site. Human and mouse HAPLN4 share 91% aa sequence identity.

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