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anti-MATN2 antibody (C-Term)



Overview

| Quantity: | 0.1 mg |
|--|--|
| Target: | MATN2 |
| Binding Specificity: | AA 820-870, C-Term |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MATN2 antibody is un-conjugated |
| Application: | ELISA, Western Blotting (WB) |
| Product Details | |
| i Toduct Details | |
| Immunogen: | MATN2 antibody was raised against a 15 amino acid synthetic peptide from near the carboxy |
| | MATN2 antibody was raised against a 15 amino acid synthetic peptide from near the carboxy terminus of human MATN2. The immunogen is located within amino acids 820 - 870 of |
| | |
| | terminus of human MATN2. The immunogen is located within amino acids 820 - 870 of |
| Immunogen: | terminus of human MATN2. The immunogen is located within amino acids 820 - 870 of MATN2. |
| Immunogen: Isotype: Purification: | terminus of human MATN2. The immunogen is located within amino acids 820 - 870 of MATN2. IgG |
| Immunogen: Isotype: | terminus of human MATN2. The immunogen is located within amino acids 820 - 870 of MATN2. IgG |
| Immunogen: Isotype: Purification: | terminus of human MATN2. The immunogen is located within amino acids 820 - 870 of MATN2. IgG |
| Immunogen: Isotype: Purification: Target Details | terminus of human MATN2. The immunogen is located within amino acids 820 - 870 of MATN2. IgG MATN2 Antibody is affinity chromatography purified via peptide column. |
| Immunogen: Isotype: Purification: Target Details Target: | terminus of human MATN2. The immunogen is located within amino acids 820 - 870 of MATN2. IgG MATN2 Antibody is affinity chromatography purified via peptide column. MATN2 |

| formation of both collagen-dependent and | collagen-independent filamentous networks. The |
|--|--|
| matrilin family all share a structure made u | o of von Willebrand factor A domains, epidermal |
| growth factor-like domains and a coiled coi | l alpha-helical module. MATN1 and MATN3 are |
| expressed mainly in cartilage, while MATN2 | and MATN4 occur in a wide variety of extracellular |
| matrices. The matrilin genes are strictly and | d differently regulated and their expression may |
| serve as markers for cellular differentiation | and diseases such as astrocytoma and liver |
| carcinoma. Recent studies show that MATN | N2 is a permissive substrate for axonal growth and |
| cell migration, and it is required for success | ful nerve regeneration. |
| | |

Molecular Weight:

Predicted: 102 kDa

Observed: 105 kDa

Gene ID:

4147

NCBI Accession:

NP_085072

UniProt:

000339

Application Details

Application Notes:

MATN2 antibody can be used for detection of MATN2 by Western blot at 1 - 2 μ ,g/mL.

Antibody validated: Western Blot in mouse samples. All other applications and species not yet tested.

Restrictions:

For Research Use only

Handling

| Format: | Liquid |
|--------------------|--|
| Concentration: | 1 mg/mL |
| Buffer: | MATN2 Antibody is supplied in PBS containing 0.02 % sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C,4 °C |
| Storage Comment: | MATN2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. |

with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.