

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **MMP16 RABBIT PAB**

Cat.#: S216651

**Product Name:** Anti-MMP16 Rabbit Polyclonal Antibody

Synonyms: MMP-X2; C8orf57; MT-MMP2; MT-MMP3; MT3-MMP

UNIPROT ID: P51512 (Gene Accession - BC069500)

**Background:** Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. The encoded protein activates MMP2 by cleavage. This

gene was once referred to as MT-MMP2, but was renamed as MT-MMP3 or MMP16.

Immunogen: Fusion protein of human MMP16

**Applications:** ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse, Rat

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

glycerol

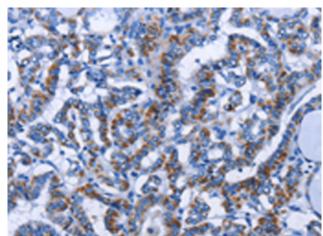
Research Areas: Signal Transduction, Cardiovascular, Cell Biology

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

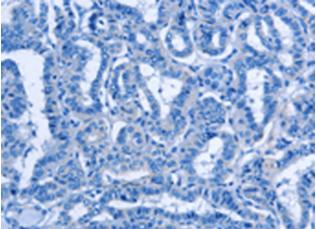


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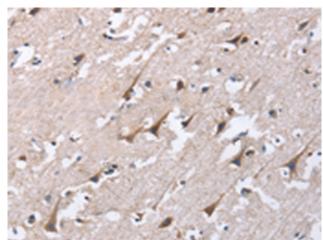
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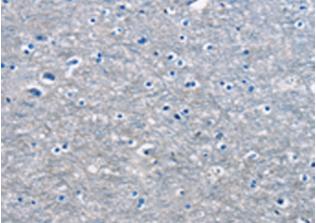
Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 216651(MMP16 Antibody) at a dilution of 1/40(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the fusion protein and then with 216651(Anti-MMP16 Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffinembedded Human brain tissue using 216651(Anti-MMP16 Antibody) at a dilution of 1/40.



In comparision with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with fusion protein and then with D220992(Anti-MMP16 Antibody) at dilution 1/40.