

Anti-Cleaved-MMP-10 (F99) Antibody

ER60028



Product Type: Rabbit polyclonal IgG, primary antibodies

Species reactivity: Human

Applications: WB

Molecular Wt: 43 kDa

Description: This gene encodes a member of the peptidase M10 family of matrix metalloproteinases (MMPs). Proteins in this 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. The encoded preprotein is proteolytically processed to generate the mature protease. This secreted protease breaks down fibronectin, laminin, elastin, proteoglycan core protein, gelatins, and several types of collagen. The gene is part of a cluster of MMP genes on chromosome 11.

Immunogen: The antiserum was produced against synthesized peptide derived from human MMP10. AA range:80-129

Positive control: Coronary artery, Ovary,

Subcellular location: Extracellular matrix

Database links: SwissProt: P09238 Human

Recommended Dilutions:

WB 1:500-1:2000

Storage Buffer: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Storage Instruction: Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Purity: Immunogen affinity purified.

Hangzhou HuaAn Biotechnology Co.,Ltd.

Orders: 0086-571-88062880

Technical:0086-571-89986345

Service mail: support@huabio.cn

www.huabio.cn

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Images

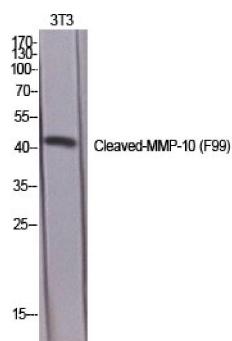


Fig1: Western Blot analysis of 3T3 cells using Cleaved-MMP-10 (F99) Polyclonal Antibody diluted at 1:1000

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".