

JC047699

ITIH4 Antibody



- 50ul
- 100 uL

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Description:

The inter-alpha-trypsin inhibitor (ITI, I-alpha-I) family is a classic example of protein-glycosaminoglycoprotein (PGP) complexes. They occur constitutively in plasma at relatively high concentrations and results from alternating combinations of three kinds of heavy chains with a common light chain called the bikunin proteoglycan. Bikunin has two proteinase inhibitor domains and belongs to the Kunitz-type protease inhibitor family; it displays an inhibitory activity against trypsin, leukocyte elastase and plasmin. The heavy chains do not have any protease inhibitory properties but have the capacity to interact in vitro and in vivo with hyaluronic acid and this binding promotes the stability of the extra-cellular matrix. The ITI protein family is suspected of playing a key role in the extra-cellular matrix biology.

Uniprot : F1MMD7, Q14624

Alternative Names:

35 kDa inter-alpha-trypsin inhibitor heavy chain H4; 70 kDa inter-alpha-trypsin inhibitor heavy chain H4; DKFZp686G21125; Gp120; IHRP; inter-alpha (globulin) inhibitor H4 (plasma Kallikrein-sensitive glycoprotein); inter-alpha-inhibitor heavy chain 4; Inter-alpha-trypsin inhibitor family heavy chain-related protein; inter-alpha-trypsin inhibitor heavy chain family, member 4; Inter-alpha-trypsin inhibitor heavy chain H4; inter-alpha-trypsin inhibitor, heavy chain-like, 1; ITI heavy chain H4; Plasma kallikrein sensitive glycoprotein 120; plasma kallikrein-sensitive glycoprotein 120; GP120; H4P; IHRP; ITI-HC4; ITIH4; ITIHL1; PK-120; PK120; PRO1851;

Reactivity : Cow, Human, Mouse, Rat

Source : Mouse monoclonal

Mol.Wt. : 103kDa

Storage Condition : Store at -20 °C. Stable for 12 months from date of receipt.

Application : WB 1:500-1:2000, IP 1:50-100

