

ITI-H2 polyclonal antibody

Catalog: BS5768

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The inter- α trypsin inhibitor (ITI) family is a group of structurally related plasma serine protease inhibitors synthesized in the liver and built up from different combinations of three highly homologous heavy chains (ITI-H1, ITI-H2 and ITI-H3) and one light chain (bikunin). A fourth member of the ITI family, ITI-H4 (also known as I α IH4P) harbours a Pro-rich region (PRR) in its c-terminus. ITI (also known as IaI) is a 220 kDa glycoprotein composed of three polypeptides linked by chondroitin sulphate: two heavy chains, ITI-H1 (65 kDa) and ITI-H2 (72 kDa), and bikunin (approx. 30 kDa). Bikunin confers the protease-inhibitor function of ITI. The heavy chains of the ITI family, designated as SHAPs (for serum-derived hyaluronan-associated proteins), bind covalently to hyaluronic acid (HA), resulting in pericellular matrix stabilization. ITI-H1 contains a potential peptide which could stimulate a broad spectrum of phagocytotic cells.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 72, 106 kDa

Swiss-Prot:

P19823

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

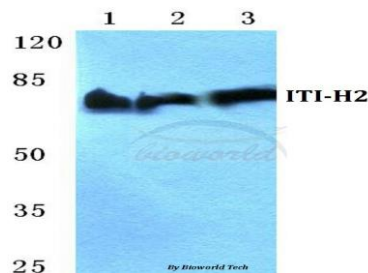
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

ITI-H2 polyclonal antibody detects endogenous levels of mature ITI-H2 protein.

DATA:



Western blot (WB) analysis of ITI-H2 polyclonal antibody at 1:500 dilution

Lane1:MCF-7 cell lysate

Lane2:Mouse brain tissue lysate

Lane3:Rat brain tissue lysate

Note:

For research use only, not for use in diagnostic procedure.

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