Trypsin-3 (M166) polyclonal antibody

Catalog: BS3707 Host: Rabbit Reactivity: Human

BackGround:

In the small intestine, each isoform is cleaved by Entero-kinase into its active form, Trypsin-1, Trypsin-2 and Trypsin-3, respectively. All trypsins are members of the serine protease trypsin family. The activated trypsins go on to activate other protease zymogens and play a role in the autoactivation of trypsinogens. This suggests an im-portant role for trypsins in digestion. Mutations in the gene encoding Trypsin-1 that stimulate its activity are associated with autosomal dominant hereditary pancreati-tis (HCP), also known as chronic pancreatitis (CP), a dis-ease characterized by persistent, severe abdominal pain due to calcifications of the parenchyma, pancreatic stones, cysts and pancreatic head enlargement. Trypsin-3 is expressed in the brain in addition to the pancreas.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 32 kDa

Swiss-Prot:

P35030

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:

IHC: 1:50~1:200

Storage&Stability:

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

Specificity:

Trypsin-3 (M166) polyclonal antibody detects endoge-nous levels of Trypsin-3 protein.

DATA:

Note:

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

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