

## AAT1 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP05894
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 310-390
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human, Rat, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	AMY-1-associating protein expressed in testis 1
<b>Synonyms</b>	AMY-1-associating protein expressed in testis 1 ;AAT-1

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

alternative products:Additional isoforms (AAT-1L and AAT-1S) may exist|Isoform 4 may play a role in spermatogenesis.|PTM:Isoform 4 is phosphorylated by PKA.|subcellular location:Isoform 4 is found in the mitochondria and localized in the neck of the sperm.|subunit:Interacts with AMY1 and AKAP1. Isoform 4 belongs to a complex together with AMY1| AKAP1 and PRKAR2B. Isoform 3 does not interact with AMY1.|tissue specificity:Isoform 1 is strongly expressed in the liver. Isoform 4 is widely expressed| but strongly expressed in all spermatogenesis-related tissues| including the testis| the epithelium of cauda and the corpus epididymis. Isoform 4 is present in the spermatid and mature sperm. Isoform 4 is also expressed in Leydig cells. Isoform 3 is expressed in the testis.|

### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year

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