

## Aminoacylase 1 Polyclonal Antibody

Catalog: BS65936      Host: Rabbit      Reactivity: Human, Mouse, Rat, Pig, Cow, Horse,

### Background:

Aminoacylase 1 is a cytosolic, homodimeric, zinc binding enzyme that catalyzes the hydrolysis of acylated L amino acids to L amino acids and acyl group, and has been postulated to function in the catabolism and salvage of acylated amino acids. ACY1 has been assigned to chromosome 3p21.1, a region reduced to homozygosity in small cell lung cancer (SCLC), and its expression has been reported to be reduced or undetectable in SCLC cell lines and tumors. The amino acid sequence of human aminoacylase 1 is highly homologous to the porcine counterpart, and ACY1 is the first member of a new family of zinc binding enzymes.

### Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

### Molecular Weight:

46 kD

### Swiss-Prot:

Q03154

### Purification&Purity:

affinity purified by Protein A

### Applications:

WB=1:500-2000

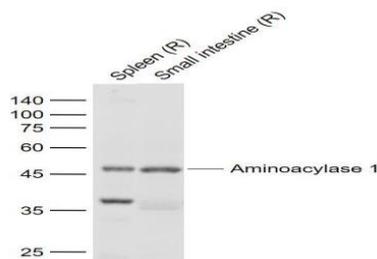
### Storage&Stability:

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

### Specificity:

Aminoacylase 1 Polyclonal Antibody detects endogenous levels of Aminoacylase 1 protein.

### DATA:



Primary: Anti-Aminoacylase 1 at 1/1000 dilution

### Note:

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

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