

## $\alpha$ -Amylase Polyclonal Antibody

<b>CATALOG #:</b>	3014-100
<b>AMOUNT:</b>	100 $\mu$ g
<b>LOT #:</b>	_____
<b>IMMUNOGEN:</b>	Synthetic peptide surrounding amino acid 492 of human $\alpha$ -Amylase.
<b>INTERNAL ID#:</b>	BV-H80G
<b>HOST:</b>	Rabbit
<b>SPECIES REACTIVITY:</b>	Human, Mouse, Rat

### FORMULATION:

100  $\mu$ g (0.5 mg/ml) affinity purified rabbit anti-  $\alpha$ -Amylase polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.01% thimerosal.

### STORAGE CONDITIONS:

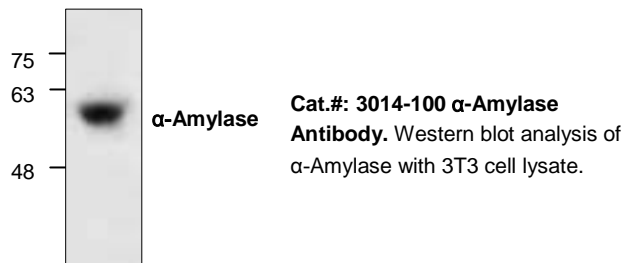
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/defrost cycles.

### DESCRIPTION:

$\alpha$ -Amylase is an enzyme that is normally produced in the saliva glands and pancreas in humans and in other mammals.  $\alpha$ -Amylase catalyzes the cleavage of 1, 4- $\alpha$ -D-glucosidic bonds of large sugar molecules into oligosaccharides and polysaccharides.

### APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (1-4  $\mu$ g/ml). However, the optimal conditions should be determined individually. Blocking peptide (Cat.#: 3014BP-50) is available separately.



**FOR RESEARCH USE ONLY! Not to be used on humans.**

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