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# AMY1A Antibody (C-term) Blocking Peptide
**Synthetic peptide**
**Catalog # BP17557b**

## Specification

### AMY1A Antibody (C-term) Blocking Peptide - Product Information

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| Primary Accession | P04745 |

### AMY1A Antibody (C-term) Blocking Peptide - Additional Information

**Other Names**
Alpha-amylase 1, 4-alpha-D-glucan glucanohydrolase 1, Salivary alpha-amylase, AMY1A, AMY1

**Format**
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

### AMY1A Antibody (C-term) Blocking Peptide - Protein Information

### AMY1A Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

### AMY1A Antibody (C-term) Blocking Peptide - Images

### AMY1A Antibody (C-term) Blocking Peptide - Background

Amylases are secreted proteins that hydrolyze1,4-alpha-glucoside bonds in oligosaccharides and polysaccharides,and thus catalyze the first step in digestion of dietary starch andglycogen. The human genome has a cluster of several amylase genesthat are expressed at high levels in either salivary gland orpancreas. This gene encodes an amylase isoenzyme produced by thesalivary gland. Alternative splicing results in multiple transcriptvariants encoding the same protein.

### AMY1A Antibody (C-term) Blocking Peptide - References

Ragunath, C., et al. J. Mol. Biol. 384(5):1232-1248(2008)Takahashi, T., et al. Neuro Endocrinol. Lett. 28(5):662-665(2007)Perry, G.H., et al. Nat. Genet. 39(10):1256-1260(2007)Chaudhuri, B., et al. BMC Microbiol. 7, 60 (2007) :Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :