

**UGT1A6 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP19550a****Specification**

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**UGT1A6 Antibody (N-term) Blocking Peptide - Product Information****UGT1A6 Antibody (N-term) Blocking Peptide - Additional Information****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.

**UGT1A6 Antibody (N-term) Blocking Peptide - Protein Information****UGT1A6 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**UGT1A6 Antibody (N-term) Blocking Peptide - Images****UGT1A6 Antibody (N-term) Blocking Peptide - Background**

This gene encodes a UDP-glucuronosyltransferase, an enzyme of the glucuronidation pathway that transforms small lipophilic molecules, such as steroids, bilirubin, hormones, and drugs, into water-soluble, excretable metabolites. This gene is part of a complex locus that encodes several UDP-glucuronosyltransferases. The locus includes thirteen unique alternate first exons followed by four common exons. Four of the alternate first exons are considered pseudogenes. Each of the remaining nine 5' exons may be spliced to the four common exons, resulting in nine proteins with different N-termini and identical C-termini. Each first exon encodes the substrate binding site, and is regulated by its own promoter. The enzyme encoded by this gene is active on phenolic and planar compounds. Alternative splicing in the unique 5' end of this gene results in two transcript variants.

**UGT1A6 Antibody (N-term) Blocking Peptide - References**

Justenhoven, C., et al. Breast Cancer Res. Treat. 124(1):289-292(2010) Hu, M., et al. Pharmacogenet. Genomics 20(10):634-637(2010) Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Liu, C.Y., et al. Carcinogenesis 31(7):1259-1263(2010) Wang, Y., et al.

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