

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

Synthetic peptide Catalog # BP19550a

### **Specification**

#### 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

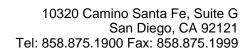
# **UGT1A6** Antibody (N-term) Blocking Peptide - Images

#### UGT1A6 Antibody (N-term) Blocking Peptide - Background

This gene encodes a UDP-glucuronosyltransferase, an enzymeof the glucuronidation pathway that transforms small lipophilicmolecules, such as steroids, bilirubin, hormones, and drugs, intowater-soluble, excretable metabolites. This gene is part of acomplex locus that encodes several UDP-glucuronosyltransferases. The locus includes thirteen unique alternate first exons followedby 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 exonencodes the substrate binding site, and is regulated by its ownpromoter. 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.





Zhongguo Dang Dai Er Ke Za Zhi 12(6):429-432(2010)