

Anti-UGT1A6 Polyclonal Antibody

Cat: AC50795

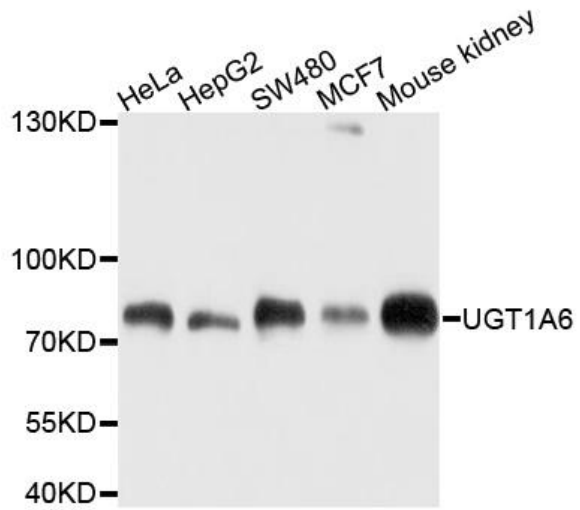
Summary:

- 【Product name】** : Anti-UGT1A6 antibody **【Source】** : Rabbit
【Isotype】 : IgG **【Species reactivity】** : Human Mouse Rat
【Swiss Prot】 : P19224 **【Gene ID】** : 54578
【Calculated】 : MW:61kDa **【Observed】** : MW:75kDa
【Purification】 : Affinity purification
【Tested applications】 : WB, IHC
【Recommended dilution】 : WB 1:500-1000. IHC 1:50-100.
【WB Positive sample】 : HeLa,HepG2,SW480,MCF7,Mouse kidney
【IHC Positive sample】 : Human uterine cancer
【Subcellular location】 : Endoplasmic reticulum membrane Microsome Single-pass membrane protein
【Immunogen】 : Recombinant protein of human UGT1A6
【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C

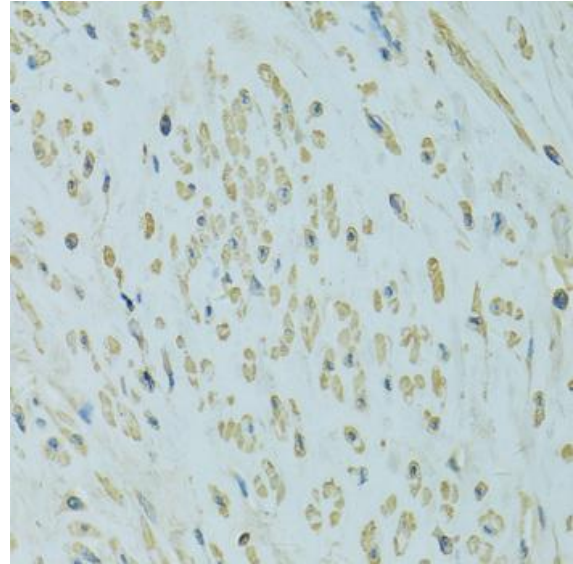
Background:

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 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.

Verified picture



Western blot analysis with UGT1A6 antibody diluted at 1:1000



Immunohistochemistry of paraffin-embedded Human uterine cancer with UGT1A6 antibody diluted at 1:100