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Product datasheet

Anti-UGT1A4 antibody ab105781

1 References 1 图像

概述

产品名称	Anti-UGT1A4抗体
描述	兔多克隆抗体to UGT1A4
宿主	Rabbit
经测试应用	**适用于:** WB
种属反应性	**与反应:** Human
免疫原	Synthetic peptide corresponding to a region within N terminal amino acids 59-108 (VVLTPEVNMH IKEEKFFTLT AYAVPWTQKE FDRVTLGYTQ GFFETEHLLK) of Human UGT1A4 (NP_009051). Run BLAST with ExPASy Run BLAST with NCBI
阳性对照	HepG2 cell lysate.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee Abpromise™承诺保证使用ab105781于以下的经测试应用

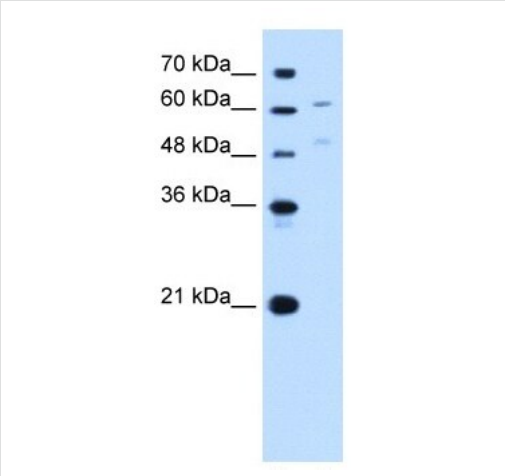
"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 60 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

靶标

功能	UDPGT is of major importance in the conjugation and subsequent elimination of potentially toxic xenobiotics and endogenous compounds. This isoform glucuronidates bilirubin IX-alpha to form both the IX-alpha-C8 and IX-alpha-C12 monoconjugates and diconjugate.
组织特异性	Expressed in liver. Not expressed in skin or kidney.
疾病相关	Defects in UGT1A4 are the cause of Gilbert syndrome (GILBS) [MIM:143500]. Gilbert syndrome occurs as a consequence of reduced bilirubin transferase activity and is often detected in young adults with vague nonspecific complaints. Defects in UGT1A4 are the cause of Crigler-Najjar syndrome type 1 (CN1) [MIM:218800]. CN1 patients have severe hyperbilirubinemia and usually die of kernicterus (bilirubin accumulation in the basal ganglia and brainstem nuclei) within the first year of life. CN1 inheritance is autosomal recessive. Defects in UGT1A4 are the cause of Crigler-Najjar syndrome type 2 (CN2) [MIM:606785]. CN2 patients have less severe hyperbilirubinemia and usually survive into adulthood without neurologic damage. Phenobarbital, which induces the partially deficient glucuronyl transferase, can diminish the jaundice. CN2 inheritance is autosomal dominant.
序列相似性	Belongs to the UDP-glycosyltransferase family.
细胞定位	Microsome. Endoplasmic reticulum membrane.

图片



Western blot - Anti-UGT1A4 antibody (ab105781)

Anti-UGT1A4 antibody (ab105781) at 1 µg/ml + HepG2 cell lysate at 10 µg

Predicted band size: 60 kDa

Gel concentration: 12%.

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