

UD11 Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05385
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from human UD11
Mol wt	58630
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	UD11
Synonyms	UD11

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

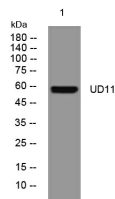
This gene encodes a UDP-glucuronosyltransferase| an enzyme of the glucuronidation pathway that transforms small lipophilic molecules| such as steroids| bilirubin| hormones| and drugs| into water-soluble| excretable metabolites. This gene is part of a complex locus that encodes several UDP-glucuronosyltransferases. 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 preferred substrate of this enzyme is bilirubin| although it also has moderate activity with simple phenols| flavones| and C18 steroids. Mutations in this gene result in Crigler-Najjar syndromes types I and II and in Gilbert syndrome.

Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

Images



Western blot analysis of lysates from MCF-7 cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year