

Anti-UGT1A9 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Rat (predicted:Mouse)
Molecular Weight:	Theoretical: 57 kDa. Actual: 75 kDa.
Purification:	Protein A purified

Applications

Sample:	A549 (Human) Cell Lysate at 30 µg MCF-7 (Human) Cell Lysate at 30 µg
Verified Activity:	Primary: Anti-UGT1A9 (TMAB-13983) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 57 kD Observed band size: 75 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human UGT1A9
Antigen Species:	Human
Gene ID:	54600
Uniprot ID:	O60656

Research Background

UGT1A9 is 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. UGT1A9 is active on phenols.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481