bs-4224R **[Primary Antibody]**

UGT1A9 Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 54600 **SWISS:** O60656

Target: UGT1A9

Immunogen: KLH conjugated synthetic peptide derived from human UGT1A9: 101-200/530.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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.

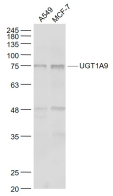
Applications: **WB** (1:500-2000)

Reactivity: Human, Rat (predicted: Mouse)

Predicted MW.: 57 kDa

Subcellular Location: Cytoplasm

VALIDATION IMAGES



Sample: A549(Human) Cell Lysate at 30 ug
MCF-7(Human) Cell Lysate at 30 ug Primary:
Anti- UGT1A9 (bs-4224R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 57 kD
Observed band size: 75 kD

SELECTED CITATIONS

- **[IF=3.231]** Haiman Xu. et al. Circadian Clock Component Rev-erbα Regulates Diurnal Rhythm of UDP-Glucuronosyltransferase 1a9 and Drug Glucuronidation in Mice. Drug Metab Dispos. 2020 Aug;48(8):681-689 WB ;Mouse. 32527940