

Rabbit UGT1A9 Polyclonal Antibody | anti-UGT1A9 antibody

UGT1A9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302080	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

UGT1A9; Polyclonal Antibody; UGT1A9 Antibody; LUGP4; UDPGT; UGT1I; HLUGP4; UGT-1I; anti-UGT1A9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total UGT1A9 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	530
Applicable Applications for anti-UGT1A9 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human UGT1A9.
Target Name	UGT1A9
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of MCF7 cell using UGT1A9 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using UGT1A9 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-UGT1A9 antibody	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 enzyme encoded by this gene is active on phenols.
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Product Categories/Family for anti-UGT1A9 antibody	Total protein Ab
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11276085
NCBI GeneID	54600
NCBI Accession #	NP_066307.1
NCBI GenBank Nucleotide #	NM_021027.2
UniProt Accession #	O60656; P36509; Q9HAX0; B8K285
Molecular Weight	49,718 Da
NCBI Official Full Name	UDP-glucuronosyltransferase 1-9
NCBI Official Synonym Full Names	UDP glucuronosyltransferase 1 family, polypeptide A9
NCBI Official Symbol	UGT1A9
NCBI Official Synonym Symbols	LUGP4; UDPGT; UGT1I; HLUGP4; UGT-1I; UGT1-9; UGT1.9; UGT1AI; UGT1-09; UGT1A9S; UDPGT 1-9
NCBI Protein Information	UDP-glucuronosyltransferase 1-9
UniProt Protein Name	UDP-glucuronosyltransferase 1-9
UniProt Gene Name	UGT1A9
UniProt Synonym Gene Names	GNT1; UGT1; UDPGT 1-9; UGT1*9; UGT1-09; UGT1.9; UGT-1I; UGT1I
UniProt Entry Name	UD19_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.