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## anti-UGCGL2 antibody (Middle Region)



Image



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Quantity:	100 μL	
Target:	UGCGL2 (UGT2)	
Binding Specificity:	Middle Region	
Reactivity:	Human, Rat, Rabbit, Cow, Pig, Dog, Horse, Mouse, Saccharomyces cerevisiae	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This UGCGL2 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human UGCGL2	
Sequence:	LCNNPKTKES KLKAAARIVP EWVEYDAEIR QLLDHLENKK QDTILTHDEL	
Predicted Reactivity:	Cow: 100%, Dog: 100%, Horse: 91%, Human: 100%, Mouse: 91%, Pig: 91%, Rabbit: 82%, Rat: 100%, Yeast: 90%	
Characteristics:	This is a rabbit polyclonal antibody against UGCGL2. It was validated on Western Blot using a cell lysate as a positive control.	
Purification:	Affinity Purified	
Target Details		
Target:	UGCGL2 (UGT2)	

### **Target Details**

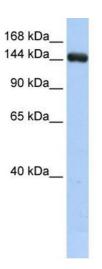
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Alternative Name:	UGCGL2 (UGT2 Products)		
Background:	UGCGL2 recognizes glycoproteins with minor folding defects. UGCGL2 reglucosylates single N		
	glycans near the misfolded part of the protein, thus providing quality control for protein folding		
	in the endoplasmic reticulum. Reglucosylated proteins are recognized by calreticulin for		
	recycling to the endoplasmic reticulum and refolding or degradation.		
	Alias Symbols: FLJ10873, FLJ11485, HUGT2, MGC117360, MGC150689, MGC87276, UGT2,		
	UGCGL2		
	Protein Interaction Partner: APPBP2, FBXO6, METTL23, OS9, APP, BABAM1, BRE, SEP15,		
	Protein Size: 1516		
Molecular Weight:	172 kDa		
Gene ID:	55757		
NCBI Accession:	NM_020121, NP_064506		
UniProt:	Q9NYU1		
Pathways:	SARS-CoV-2 Protein Interactome		
Application Details			
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.		
Comment:	Antigen size: 1516 AA		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	Lot specific		
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %		
	sucrose.		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which		
	should be handled by trained staff only.		
Handling Advice:	Avoid repeated freeze-thaw cycles.		
Storage:	-20 °C		

#### Handling

Storage Comment:

For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Images**



#### **Western Blotting**

**Image 1.** WB Suggested Anti-UGCGL2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: HepG2 cell lysate UGGT2 is supported by BioGPS gene expression data to be expressed in HepG2