

# UGT8 Polyclonal Antibody

Catalog NumberPA5-37282

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody	Western Blot (WB)	1:500-1:1,000
Immunogen	A synthetic peptide corresponding to residues in human UGT8	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS with 50% glycerol		
Contains	0.02% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

## Product specific information

This antibody detects endogenous protein at a molecular weight of 61 kDa. Purity is >95% by SDS-PAGE.

## Background/Target Information

UGT8 (UDP-galactose-ceramide galactosyltransferase, 2-hydroxyacylsphingosine 1-beta-galactosyltransferase) is a 541 amino acid, single pass membrane protein of the UDP-glycosyltransferase family. UGT8 is believed to be primarily involved with the metabolism of sphingolipids and galactosylceramide biosynthesis. UGT8 is one of six genes whose elevated expression has been correlated with a significantly increased risk of lung metastases in breast cancer patients. As such, UGT8 may be a significant index of tumor aggressiveness and a potential marker for the prognostic evaluation of lung metastases in breast cancer. UGT8 is ubiquitously expressed with highest levels found in central and peripheral nervous systems and is up-regulated in breast cancers.

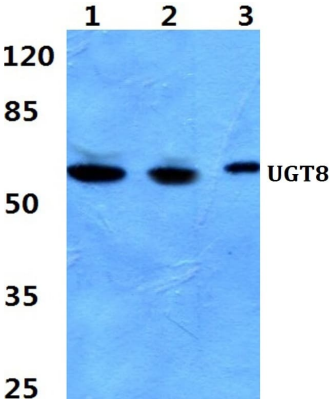
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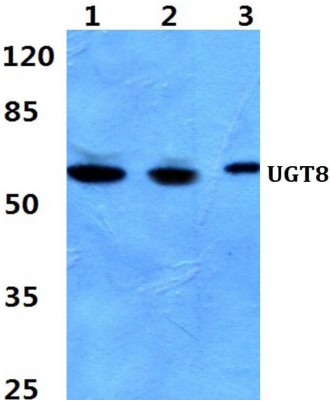
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Product Images For UGT8 Polyclonal Antibody



**UGT8 Antibody (PA5-37282) in WB**  
Western blot analysis of UGT8 in Lane 1: HeLa cell lysate, Lane 2: Raw264.7 cell lysate, Lane 3: sp2/0 cell lysate. Samples were incubated with UGT8 polyclonal antibody (Product # PA5-37282) at a dilution of 1:500.



**UGT8 Antibody (PA5-37282) in WB**  
Western blot analysis of UGT8 using UGT8 polyclonal antibody (Product # PA5-37282) at a dilution of 1:500. Lane 1: Hela cell lysate, Lane 2: Raw264.7 cell lysate, Lane 3: sp2/0 cell lysate.

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