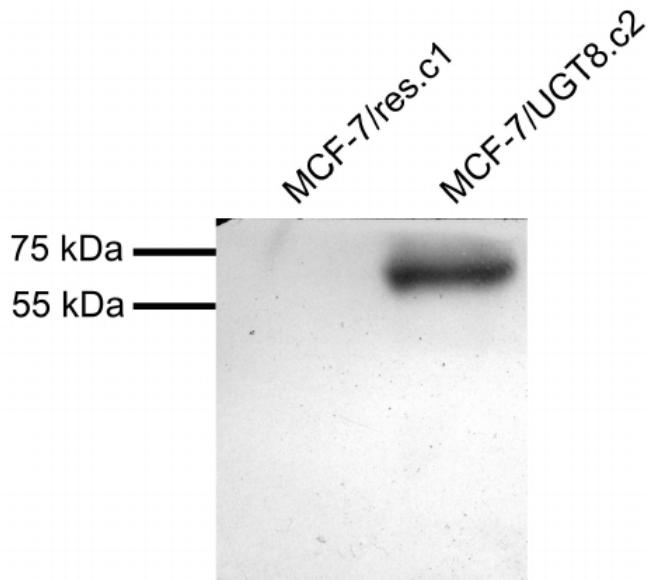


## GOAT ANTI-UGT8 ANTIBODY

**SKU:** EB10535



## SPECIFICATIONS

**Formulation** Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 100 µg

**Storage** Aliquot and store at -20°C. Minimize freezing and thawing.  
**Instructions**

**Synonym /** cerebroside synthase| ceramide UDP-galactosyltransferase| UDP-galactose-ceramide galactosyltransferase|

**Alias** UDP-galactose ceramide galactosyltransferase| 2-hydroxyacyl sphingosine 1-beta-galactosyltransferase| UGT4|

**Names** CGT| UDP glycosyltransferase 8| UGT8

**Accession ID** NP\_003351.2

**Blocking Peptide** EBP10535

**Immunogen** Peptide with sequence C-NGKYKRNGHIK, from the internal region of the protein sequence according to NP\_003351.2.

**Product Comments** Reported variants represent identical protein: NP\_001121646.1, NP\_003351.2.

<b>Peptide Sequence</b>	C-NGKYKRNGHIK
<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Rat, Dog, Cow
<b>Reactive Species</b>	Human
<b>Human Gene ID</b>	7368
<b>Rat Gene ID</b>	50555
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a>
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:64000.
<b>Western Blot</b>	In transfected MCF7 transiently expressing Human UGT8 a band of approx. 65kDa is observed. This band is not observed in the non-transfected MCF7. The calculated molecular size is 61.5kDa according to NP_003351.2. Recommended concentration, 1-3µg/ml. Preliminary experiments gave an approx 50kDa band in Human Brain lysates and 48kDa in Rat Brain lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 61.5kDa according to NP_003351.2. The observed band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?
<b>Application Type</b>	Pep-ELISA, WB-Trf

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

